

# MOTLOW STATE COMMUNITY COLLEGE

2023-24 CATALOG & STUDENT HANDBOOK



# MOTLOW STATE

*[Please excuse any formatting errors/discrepancies which may have occurred in the process of exporting the online catalog & student handbook into print form.]*

## M.S.C.C. Statement of Mission

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Motlow College is a public, multi-campus college offering certificates, associate degrees, and flexible learning pathways for early transfer, college preparation, and workforce training. Students are prepared for employment, career advancement, and four-year college or university transfer. The College serves an eleven-county area comprised of full-time, part-time, traditional, and non-traditional-age students from diverse socio-economic populations with disparate educational and cultural backgrounds. The College offers high-quality accredited educational programs and a variety of support services emphasizing and promoting student success.

### *MISSION STATEMENT*

Motlow State Community College, an institution governed by the Tennessee Board of Regents in the College System of Tennessee, is a public, comprehensive, two-year, open-access college founded in 1969. The College awards the Associate of Arts, Associate of Science, Associate of Fine Arts, Associate of Applied Science, and Associate of Science in Teaching degrees as well as certificates.

Motlow State strives to develop the cultural, intellectual, and career opportunities of the people in its Southern Middle Tennessee eleven-county service area, which includes Bedford, Cannon, Coffee, DeKalb, Franklin, Lincoln, Moore, Rutherford, Van Buren, Warren, and White Counties. The College is committed to cultivating a diverse student body, faculty, and staff. The College supports diversity, equity, and inclusion by providing a broad spectrum of services to respond to various needs in the learning process and educational opportunities from developmental to advanced programs.

Motlow State is a multi-location community college providing:

- degree programs designed for transfer to other colleges and universities;
- degree and non-degree programs designed to develop immediate job-readiness skills and competencies; and
- public service, lifelong learning, and workforce development programs to promote personal enrichment and economic and community development.

To establish a firm foundation for learning, the College requires a strong core curriculum in degree programs complemented by cultural, scientific, social, and community service activities. Motlow State provides a comprehensive, interdisciplinary Honors Scholar Program that encourages students to pursue their own academic interests and give back through service to the community. The versatile curriculum, qualified faculty and staff, and related resources, strengthened by innovative technologies, prepare students for success in the global community. Through a continuous cycle of planning, evaluation, and improvement, Motlow State is dedicated to promoting institutional effectiveness by supporting the College's initiatives.

Motlow State encourages student success through critical thinking, clear communication, ethical behavior, respect for others, civic responsibility, problem solving, professional discourse during individual and team situations, and an appreciation of one's own heritage as well as those of others. Motlow State promotes and maintains alliances with businesses, industries, government agencies, and other educational institutions to enhance programs and services.

Motlow State is dedicated to empowering its students and enriching the relationships with the community it serves. Motlow State is committed to promoting diversity and access to educational opportunities and does not discriminate on the basis of race, gender, religion, national origin, age, disability, or veteran status.

### *VISION STATEMENT*

To be the area's recognized center for life-long learning and growth opportunities.

### *GUIDING PRINCIPLES*

1. Motlow College is committed to student learning as our primary focus.
2. Motlow College is committed to excellence, creativity, trust, respect, diversity, teamwork, integrity, knowledge, honesty, civility, and the free exchange of ideas.
3. Motlow College is committed to continuous improvement, institutional effectiveness, and efficiency.
4. Motlow College is committed to our stakeholders and to the total development of individuals and their quality of life; we strive to enhance student competencies and to further the cultural development of our service area.

### *CATALOG POLICY*

This Student Handbook/Catalog presents the course offerings and academic requirements in effect at the time of publication but provides no guarantee that offerings will not be changed or rescinded. The course offerings and requirements of Motlow State Community College are continually under examination and review. The College reserves the right to make changes in course offerings, curricula, academic policies, and other rules and regulations affecting students, which will become effective whenever determined proper by the College. Reasonable notice will be given to students regarding any changes in the Student Handbook/Catalog. All updates and/or corrections will be posted in the online version of the Student Handbook/Catalog, which will supersede previous written copies. Changes will govern current, former, and prospective students. This Student Handbook/Catalog is not intended to state contractual terms and does not constitute a contract between the student and the Institution.

**Motlow reserves the right to make changes as required in course offerings, curricula, academic policies, and other policies and rules affecting students, to be effective whenever determined by the institution. Such changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.**

Current information may be obtained from the following sources:

- **Admission Requirements:** Office of Admissions and Records
- **Course Offerings:** Office of Academic Affairs
- **Degree Requirements:** Office of Academic Affairs
- **Fees and Tuition:** Business Office

## About Motlow

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### Welcome to Motlow State Community College!

Thank you for choosing Motlow, the top-performing College in Tennessee. Motlow is the best community college in the state, and we are here to assist you in achieving your academic and life goals. We are committed to student success, whether you are preparing to enter the workforce, transferring to a four-year institution, or merely seeking personal growth.

Motlow is a public, multi-campus, student-centered college offering certificates, associate degrees, and flexible learning pathways for early transfer, college preparation, and workforce training. Motlow prepares students for employment, career advancement, and a four-year college or university transfer upon graduation.

The College serves an 11-county service area comprised of full-time, part-time, traditional, non-traditional, and dual-enrollment students from diverse socio-economic populations with disparate educational and cultural backgrounds. It offers high-quality accredited academic programs and various support services emphasizing and promoting student success.

Motlow has five campuses: Moore County, Fayetteville, McMinnville, Smyrna, and Sparta. The College is intentionally inclusive in recruiting faculty, staff, and students and uses best practices and applicable technology to foster access, support, and success across its internal and external stakeholders.

Motlow's Workforce Innovation team partners with regional industry stakeholders to produce students with in-demand, industry-recognized credentials. Workforce also offers a robust variety of training and professional development courses tailored to meet individual business and industry needs.

Motlow ranks as the #1 top-performing college in Tennessee for the second consecutive year, outperforming its peer institutions in dual enrollment, retention, and three-year graduation rates. With almost 7,000 students, the College set a new enrollment record for Fall 2019.

### *LOCATIONS*

#### **MOORE COUNTY – 6015 Ledford Mill Road, Tullahoma, TN 37388**

The original, central campus of Motlow State is located on 187 acres of beautifully wooded land in Moore County. It is approximately five miles from Tullahoma via State Route 55 or State Route 130, about eight miles from Lynchburg via State Route 55, and about 12 miles from Shelbyville via State Route 130. Other locations include:

#### **FAYETTEVILLE CENTER – 1802 Winchester Highway; P.O. Box 618, Fayetteville, TN 37334**

A new 14,000-square-foot instructional facility opened for classes in the Fall of 1992. Located on a beautiful 20-acre site 2.5 miles east of downtown Fayetteville, the facility concluded an initiative undertaken by Fayetteville-Lincoln County residents in 1988. The Tennessee Higher Education Commission (THEC) approved Center status for the Fayetteville Site in July 1997.

The Don Sundquist Center of Advanced Technologies, completed in August 2001, is adjacent to the Fayetteville Center.

**MCMINNVILLE CENTER – 225 Cadillac Lane, McMinnville, TN 37110**

Motlow completed construction of a 14,000-square-foot instructional facility in McMinnville in the Fall of 1988 and an expanded day and evening program at the facility in 1988–89. An additional 2,992 square feet was completed in the Spring of 1996 to expand the instructional program. THEC approved Center status for the McMinnville campus in 1990.

**SMYRNA CENTER – 5002 Motlow College Blvd., Smyrna, TN 37167**

Motlow began offering evening classes at Riverdale High School in Murfreesboro in 1998 in a continuing effort to fulfill its mission statement. The College expanded its Rutherford County options to include day and evening classes by forming a partnership with the Tennessee Army National Guard and offering all courses at their facility in Smyrna in 2000. The College moved into a new 17,500-square-foot facility at its current location in Fall 2006. Motlow added a 35,000-square-foot addition in 2011. The College opened a third Smyrna building in April 2019. The 82,000-square-foot facility houses general classrooms, chemistry and biology labs, medical labs, staff and faculty offices, and a 300-seat multi-purpose facility.

**SPARTA SITE – 603 Roosevelt Drive, Sparta, TN 38583**

Motlow's Sparta site opened in Fall 2007 as a partnership between the City of Sparta, White County, the White County Board of Education, and Motlow. The Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) approved the Sparta site to offer 100 percent of degree programs in Fall 2018, opening the door for Sparta to increase its course offerings. An advisory board was created to explore expansion options for Motlow in Sparta and White County.

***HISTORY***

*The Founding of Motlow State Community College*

The Motlow family of Lynchburg, Tennessee, donated the original 187-acre site in Moore County. Because of this generous gift and Senator Reagor Motlow's contributions to education in Tennessee, the governor recommended the College be named Motlow State Community College.

Construction began on the first five buildings of the \$2.7 million building project in Moore County, Tennessee, in March 1968. Dr. Sam H. Ingram, former Dean of the School of Education at Middle Tennessee State University, was appointed as the first president of Motlow. Dr. Ingram moved the administrative staff into the Administration building on campus in August 1969, after operating previously at First Baptist Church in Tullahoma.

Other buildings were completed on the campus soon after, and the College opened in September 1969 with 551 students and 18 full-time faculty members. The College offers the two-year Associate of Arts and Associate of Science degrees and four 2-year career programs.

## *EXPANSION*

### *Moore County*

Motlow's service area expanded in 1983 from seven to 11 counties, and Motlow assumed the lead role in identifying its service area's educational and training needs. A major campus expansion project was implemented, including the renovation of the student center and the maintenance complex, the construction of a new 280-seat theater/auditorium, instructional support areas for nursing and engineering, and an office complex.

September 1998 launched another expansion with the construction of the new nursing and technology building. The facility houses business, industrial and computer technology, and the nursing education program. The beautiful Clayton-Glass Library opened in January 2008.

### *Fayetteville*

The College expanded its evening program in Fayetteville and initiated a day instructional program in Fall 1988 with an initiative by Lincoln County residents to fund a new facility. This effort succeeded with the opening of a 14,000-square-foot building. The Tennessee Higher Education Commission (THEC) approved center status for the Fayetteville site in 1997. The 32,000-square-foot Don Sundquist Center for Advanced Technologies opened in August 2001.

### *McMinnville*

The construction of a 14,000-square-foot instructional facility in McMinnville was completed and opened in Fall 1988. An additional 2,992-square-foot addition opened in Spring 1996. THEC approved center status for the McMinnville site in January 1990. Increased enrollment and academic program offerings led the way for the McMinnville Center addition, opening in Fall 2008.

Academic programs expanded with the addition of the mechatronics certification program in 2008 and the nursing program in 2009. The Automation & Robotics Training Center (ARTC) opened in April 2019 on 4.5 acres adjacent to the McMinnville Center. The new facility houses Motlow's robotics program.

### *Smyrna*

In January 2003, construction began on the first phase of a Smyrna facility that opened in July 2006. It was named for former Motlow President Dr. Arthur L. Walker, Jr. The nursing program expanded to the Smyrna site in 2008. In December 2010, the Tennessee Board of Regents approved the construction of a 35,000-square-foot classroom building on the Smyrna site. The facility opened in August 2013 and was named for former Motlow President Dr. MaryLou Apple. Expansion continued in Smyrna with an 82,000-square-foot building opening in fall 2019.

## *The Presidential Legacy*

Dr. Michael Torrence / 2018–present

Ms. Hilda Tunstill / 2017–18 (interim)

Dr. Anthony G. Kinkel / 2015–17

Dr. MaryLou Apple / 2006–15

Dr. Arthur L. Walker, Jr. / 2003–06

Dr. A. Frank Glass / 1987–2003

Dr. Wade Powers / 1986–87 (interim)

Dr. Harry Wagner / 1975–86

Dr. Sam H. Ingram / 1969–75

### *Motlow State Community College – Lead institution for the Tennessee College of Applied Technology Centers*

The lead institution concept, developed by the Tennessee Board of Regents, assigns an institution the responsibility for identifying the appropriate level of sub-baccalaureate education and training based on the area's employment demands. Motlow is the lead institution for the Tennessee College of Applied Technology Centers (TCATs) in McMinnville, Murfreesboro, and Shelbyville. It is responsible for overseeing the development of a cohesive plan for delivering vocational, technical, and career programs in its 11-county service area. Motlow assists the TCATs in program planning, accounting and budgeting, purchasing, personnel, student records, student financial aid, and institutional research and catalyzes to strengthen the relationship between the area institutions of post-secondary education and business and industry.

### *Equal Employment Opportunity and Affirmative Action*

Motlow does not discriminate based on race, color, religion, creed, ethnicity, national origin, sex, disability, age, status as a protected veteran, or any other class protected by Federal or State laws and regulations and by the Tennessee Board of Regents policies with respect to employment, programs, and activities.

## Acceptable Use of Technology Resources

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Faculty, students, and staff at MSCC routinely use college-owned computers, software, networks, and computerized information. This technology is used to further college-related educational activities. In addition, some individuals may have special administrative or technical responsibility for a computer, network, or database.

This section serves as an introduction and condensed version of MSCC Policy 1:08:00:00 to the issues and responsibilities of legitimate use, information security, and privacy that arise in the use of computers, software, and electronic information. The responsibilities noted in this section strive to balance the individual's ability to benefit fully from these resources and the College's responsibility to maintain a secure and reasonably allocated computing, information technology, and networked environment.

### *THE COLLEGE'S RESPONSIBILITIES*

The College owns most of the computers and all internal computer networks used on campus. The College also has various rights to the software and information residing on, developed on, or licensed for these computers and networks. The College has the responsibility to administer, protect, and monitor this aggregation of computers, software, and networks. Specifically, the purposes of the College's information technology are:

1. To establish and support reasonable standards of security for electronic information that College members produce, use, or distribute, and to ensure the privacy and accuracy of administrative information that the College maintains;
2. To protect College computers, networks, and information from destruction, tampering, and unauthorized inspection and use;
3. To ensure that information technology resources are used to support activities connected with instruction and administration;
4. To delineate the limits of privacy that can be expected in the use of networked computer resources and to preserve freedom of expression over this medium without countenancing abuse or unlawful activities;
5. To ensure that College computer systems do not lose important information because of hardware, software, or administrative failures or breakdowns (To achieve this objective, authorized systems or technical managers may occasionally need to examine the contents of particular files to diagnose or solve problems.);
6. To communicate College policies and individuals' responsibilities systematically and regularly in a variety of formats to all parts of the College community;
7. To monitor policies and propose changes in policy as events or technology warrant;
8. To manage computing resources so that members of the College community benefit equitably from their use (To achieve this, authorized staff may occasionally need to restrict inequitable use of shared systems or the network. For example, the College



reserves the right to require users to refrain from using any program that is unduly resource-intensive.);

9. To enforce policies by restricting access in case of serious violations (For example, in appropriate circumstances, the Director of Technical Operations may find it necessary to lock a user's account. In such circumstances, if a student's account is involved, the student must meet with the Vice President for Student Affairs before his/her account can be accessed again.)

### ***THE INDIVIDUAL'S RESPONSIBILITIES***

MSCC supports networked information resources to further its mission of instruction and to foster a community of shared inquiry. All members of the College community must be cognizant of the rules and conventions that make these resources secure and efficient. The following list of user responsibilities is intended to be illustrative and not exhaustive. Subject to conformance with Federal and State of Tennessee law and with State of Tennessee and Tennessee Board of Regents policies, MSCC is authorized to supplement the user responsibilities contained herein:

1. To respect the right of others to be free from harassment or intimidation to the same extent that this right is recognized in the use of other communication media;
2. To respect copyright and other intellectual property rights (Unauthorized copying of files or passwords belonging to others or to the College may constitute plagiarism or theft. Modifying files without authorization (including altering information, introducing viruses or "Trojan horses," or damaging files) is unethical, may be illegal, and may lead to sanctions);
3. To maintain secure passwords (Users should establish appropriate passwords, change them occasionally, and not share them with others);
4. To use resources efficiently and to accept limitations or restrictions on computing resources—such as storage space, time limits, or amount of resources consumed—when asked to do so by system administrators (Additionally, students must receive specific permission from the Director of Technical Operations prior to loading any software on any computer owned by MSCC);
5. To recognize the limitations to privacy afforded by electronic services (Users have a right to expect that what they create, store, and send will be seen only by those to whom permission is given. Users must know, however, that the security of electronic files on shared systems and networks is not inviolable—most people respect the security and privacy protocols, but a determined person can breach them. Users must also know that systems or technical managers, as part of their responsibilities, may occasionally need to diagnose or solve problems by examining the contents of particular files);
6. To learn to use software and information correctly (Users should maintain and archive backup copies of important work. Users are responsible for backing up their own files.);
7. To abide by security restrictions on all systems and information to which access is permitted (Users should not attempt to evade, disable, or "crack" passwords of other

security provisions; these activities threaten the work of others and are grounds for immediate suspension or termination of privileges and possible further sanctions.)

MSCC extends these principles and guidelines to systems outside the College that are accessed via the College's facilities (e.g., electronic mail or remote logins using the College's Internet connections). Network or computing providers outside MSCC may impose their own additional condition of appropriate use for which users at this College are responsible.

### *SANCTIONS*

Individuals or groups who act in a manner contrary to existing policy and accepted standards for computer use are subject to the sanctions and disciplinary measures normally applied to misconduct or law-breaking. Computing policy violations are handled by established College procedures.

Whenever it becomes necessary to enforce College rules or policies involving students, the Vice President for Student Affairs with the assistance of the Director of Technical Operations may disallow network connections by certain computers (even departmental); require adequate identification of computers and users on the network; undertake audits of software or information on shared systems where policy violations are possible; take steps to secure compromised computers that are connected to the network; or deny access to computers, the network, and institutional software and databases. Users are expected to cooperate with investigations either of technical problems or of possible unauthorized or irresponsible use as defined in these guidelines; failure to do so may be grounds for suspension or termination of access privileges.

All infringement matters involving students will be referred to the Dean of Students; matters involving faculty will be referred to the appropriate deans; matters involving staff will be referred to the immediate supervisor or the director of the unit. In addition, certain kinds of abuse may entail civil or criminal action.

### *CONCLUSION*

To obtain more information about individual responsibilities, users should contact the Director of Technical Operations, Marcum Technology Center, 931-393-1510.

## Accreditations

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Motlow State Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the Level I associate degree. For questions about the accreditation of Motlow State Community College, contact the Commission on Colleges, Southern Association of Colleges and Schools located at 1866 Southern Lane, Decatur, Georgia 30033-4097; call 404-679-4500; or visit their website.

The Business Program is accredited by the Accreditation Council for Business Schools & Programs, (ACBSP) 11520 West 119th Street, Overland Park, KS 66213. Phone: 913-339-9356 Fax #: 913-339-6226

The A.A.S. Early Childhood Education program is accredited by the Commission on Early Childhood Higher Education Programs of the National Association for the Education of Young Children (NAEYC), 1313 L Street NW, Suite 500, Washington, DC 20005. Phone: 800-424-2460 ext. 8007. The accreditation term runs from March 2015 through March 2022.

The Mechatronics Program is accredited by the Association of Technology, Management, and Applied Engineering, (ATMAE) 275 N. York Street, Ste 401, Elmhurst, IL 60126. Phone: 630-433-4514

The Nursing Program is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, Georgia 30326. Phone: 404-975-5000 Fax #: 404-975-5020 Website: [www.acenursing.org](http://www.acenursing.org)

The Nursing Program is approved by the Tennessee State Board of Nursing, Department of Health: 227 French Landing, Suite 300, Heritage Place, Metro Center: Nashville, TN 37243.

## MEMBERSHIPS

- Accreditation Commission for Education in Nursing
- Accreditation Council for Business Schools and Programs
- American Association of Collegiate Registrars and Admissions Officers (AACRAO)
- American Association of Community Colleges (AACC)
- Association of College and University Auditors (ACUA)
- Association of Technology, Management & Applied Engineering (ATMAE)
- Association of Title IX Administrators (ATIXA)
- Commission on Accreditation of Allied Health Education Programs (CAAHEP)
- Committee on Accreditation of Educational Programs for EMS Professionals (CoAEMSP)
- College and University Professional Association for Human Resources (CUPA-HR)
- Community College Business Officers
- Community Colleges of Appalachia (CCA)
- Council for Higher Education Accreditation (CHEA)
- Fayetteville-Lincoln Co. Chamber of Commerce
- Franklin County Chamber of Commerce
- The Institute of Internal Auditors (IIA)
- Information Systems Audit and Control Association (ISACA)

- International Association of Campus Law Enforcement Administrators (IACLEA)
- League for Innovation
- Manchester Chamber of Commerce
- McMinnville-Warren County Chamber of Commerce
- Metropolitan Lynchburg/Moore County Chamber of Commerce
- Middle Tennessee Higher Education Alliance
- National Association for the Education of Young Children (NAEYC)
- National Association of College and University Business Officers (NACUBO)
- National Association of EMS Educators
- National Association of Student Financial Aid Administrators (NASFAA)
- National Association of Foreign Student Advisors (NAFSA)
- National Association of Student Personnel Administrators (NASPA)
- National Association Veteran's Program Assistance – (NAVPA)
- National College Testing Association
- National Collegiate Honors Council
- National Council for Marketing and Public Relations
- National Institution for Staff and Organizational Development (NISOD)
- National Junior College Athletic Association (NJCAA)
- National League for Nursing
- On Line Learning Consortium – (OLC)
- Organization for Associates Degree Nursing (OADN)
- Psi Beta, Inc.
- Rutherford County Chamber of Commerce
- Rutherford County Psychotherapy Association
- Shelbyville-Bedford Co Chamber of Commerce
- Siemens Mechatronics System Certification Program (SMSCP)
- Southern Association of College and University Business Officers
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- Southern Association of Collegiate Registrars – (SACRAO)
- Southern Association of Community Colleges with Associate Degrees (SACAD)
- Southern Association of Student Financial Aid Administrators (SASFAA)
- Southern Regional Honors Council
- Sparta – White County Chamber of Commerce
- Tennessee Academy of Science
- Tennessee Association on Higher Education and Disability (TNAHEAD)
- Tennessee Association for Student Success and Retention (TASSR)
- Tennessee Association of Collegiate Registrars and Admissions Officers (TACRAO)
- Tennessee Association of Deans and Directors of Nursing
- Tennessee Association of Student Financial Aid Administrators (TASFAA)
- Tennessee Backroads Heritage
- Tennessee Chamber of Commerce & Industry
- Tennessee Clinical Placement System - TN Center for Nursing Excellence
- Tennessee College Association
- Tennessee Consortium for International Studies (TnCIS)
- Tennessee Education Association of Veteran Program Administration (TEAVPA)

- Tennessee Community College Athletic Association (TCCAA)
- Tennessee Service Learning Consortium (TN-SLC)
- Tenn-Share Membership
- Tullahoma Chamber of Commerce
- WICHE/NC-SARA
- Women in Higher Education in Tennessee (WHET)

Motlow State Community College is one of 39 institutions in the Tennessee Board of Regents system, the seventh largest system of higher education in the nation. The Tennessee Board of Regents is the governing board for this system which is comprised of thirteen two-year colleges and twenty-six Tennessee College of Applied Technology centers. The TBR system enrolls more than 80 percent of all Tennessee students attending institutions of higher education.

Motlow State Community College is an equal opportunity institution and welcomes applications for employment or admission regardless of age, disability, national origin, race, religion, sex, or veteran status and is committed to education of a non-racially identifiable student body. For assistance or information concerning compliance with the Americans with Disabilities Act of 1990, employees should contact the Office of Human Resources, and students should contact the Office of Student Affairs.

## Motlow State Community College Articulation Agreements

<b>PARTNERING INSTITUTION</b>	<b>ARTICULATION DETAILS</b>	<b>MOU</b>
Athens State University	2+2 Program: Our A.S. Bioinformatics Area of Emphasis to their B.S. in Biology - Bioinformatics	Athens St. - Bioinformatics
Athens State University	2+2 Program: Our A.S. Health Sciences Area of Emphasis to their B.S. in Health Science	Athens St. - Health Sciences
Austin Peay State University	Dual Admission for MSCC students; guaranteed acceptance to APSU  Any of our A.A. or A.S. degrees will fulfill the Gen Ed requirements for any of APSU's B.B.A. and B.S. degrees.	APSU - Dual Admissions
East Tennessee State University	Our A.A.S. in Nursing to their B.S.N. in Nursing	ETSU - R.N. to B.S.N.
East Tennessee State University	Dual Admission for MSCC students; guaranteed acceptance to ETSU  Any of our A.A., A.S., or A.S.T. degrees will guarantee admission to ETSU.	ETSU - Dual Admissions
Florida International University	2+2 Program: Our A.S. Distilled Spirits Area of Emphasis to their B.S. in Hospitality Management	FIU - Distilled Spirits/Hospitality Mgmt
King University	Any of our A.A. or A.S. degrees will fulfill the King University Core Curriculum, provided students complete 30 credit hours of general education courses (see MOU for specific requirements).	King University - Transfer

King University	Students can transfer coursework from King University back to MSCC to complete requirements to earn the associate degree.	King University - Reverse Transfer
KTECH	MECH courses, 15 hours total (see MOU for details) - KTECH students transferring to Motlow	KTECH Transfer Courses
Martin Methodist College	Transfer Articulation	Martin Methodist College - Transfer
Middle Tennessee State University	Our A.S. Fermentation Area of Emphasis to their B.S. in Fermentation Science	MTSU - Fermentation Science
Middle Tennessee State University	Our A.S. General Studies Area of Emphasis to their B.S. in Concrete Industry Management with Concrete Contracting or Production, Sales, and Service Concentration	MTSU - Concrete Mgmt
Middle Tennessee State University	Our A.A.S. in Mechatronics to their B.S. in Mechatronics	MTSU - Mechatronics
Middle Tennessee State University	Dual Admission for MSCC students; guaranteed acceptance to MTSU  Any of our A.A., A.S., or A.S.T. degrees will guarantee admission to MTSU.	MTSU - Dual Admissions
Middle Tennessee State University	2+2 Program: Our A.S.T. to their B.S. in Interdisciplinary Studies K-6	MTSU - Interdisciplinary Studies K-6
Middle Tennessee State University	Our A.S. General Studies Area of Emphasis to their B.S. in Agribusiness	MTSU - Agribusiness

Middle Tennessee State University	Prior Learning Assessment	MTSU - PLA
Murray State University	Our A.S. Business Administration Area of Emphasis to their B.S. in Business with area in Business Administration	Murray St. - Business Admin
Purdue University Global (formerly Kaplan University)	Our associate degrees transfer as a block for "advanced start" baccalaureate.  MSCC alumni and employees receive a 10% discount.	Purdue Univ. Global - Transfer
South College	Completion of any of our A.A. or A.S. degrees guarantees transfer credits accepted.	South College - Transfer
Strayer University	Transfer Articulation	Strayer - Transfer
TCAT Covington	TCAT Covington students transfer to our A.A.S. Entrepreneurship with Digital Agronomy Concentration.	TCAT Covington - Entrepreneurship/Digital Agro
TCAT Livingston	Their Industry Certification credits transfer to our Business Office, Medical Office, Cyber Defense credits.	TCAT Livingston - Business/Medical Office, Cyber Defense
TCAT Murfreesboro	<ul style="list-style-type: none"> <li>• Their L.P.N. certificate to our L.P.N.-to-R.N. Nursing pathway</li> <li>• Their Industry Certification Credits to our Business Office Concentration</li> <li>• Their Industry Certification Credits to our Cyber Defense Concentration</li> </ul>	TCAT Murfreesboro - Articulations
TCAT Shelbyville	Their L.P.N. certificate to our L.P.N.-to-R.N. Nursing pathway	TCAT Shelbyville - Nursing



TCAT Shelbyville	<ul style="list-style-type: none"> <li>• Their Administrative Office Technology program to our A.A.S. in Business, Business Office Concentration</li> <li>• Their Information Technology &amp; Infrastructure Management program to our A.A.S. in Computer Technology, Cyber Defense Concentration</li> <li>• Their Administrative Office Technology program to our A.A.S. in Business, Medical Office Concentration</li> </ul>	TCAT Shelbyville - Business, Cyber Defense, Medical Office
Statewide: All TCATs	Their Industry Certifications to our EMT/AEMT/Paramedic credits	TCATs - EMT/AEMT/Paramedic
Statewide: All TCATs	Their Advanced Manufacturing Technology program to our A.A.S. in Mechatronics	TCATs - Advanced Manufacturing Technology
Statewide: All TCATs	Their Industrial Electrical Maintenance-Mechatronics program to our A.A.S. in Mechatronics	TCATs - Industrial Electrical Maintenance-Mechatronics
Statewide: All TCATs	Their Industrial Maintenance Automation program to our A.A.S. in Mechatronics	TCATs - Industrial Maintenance Automation
Statewide: All TCATs	Their Industrial Maintenance Integrated Automation program to our A.A.S. in Mechatronics	TCATs - Industrial Maintenance Integrated Automation
Statewide: All TCATs	Their Industrial Maintenance program to our A.A.S. in Mechatronics	TCATs - Industrial Maintenance
Statewide: All TCATs	Their Mechatronics program to our A.A.S. in Mechatronics	TCATs - Mechatronics
Statewide: All TCATs	Their L.P.N. certificate to our L.P.N. -to-R.N. Nursing pathway	TCATs - Practical Nursing

Tennessee State University & University of Tennessee, Space Institute	Our A.A.S. Mechatronics to TSU's B.S. in Applied Industrial Technologies to UTSI's M.S. in Industrial Engineering	TSU, USTI - Engineering
Tennessee State University	Dual Admission for MSCC students; guaranteed acceptance to TSU	TSU - Dual Admissions
Tennessee State University	Our A.A.S. Mechatronics to their B.S. Aeronautical & Industrial Technology	TSU - Aero/Industrial Tech
Tennessee Technological University	Dual Admission for MSCC students; guaranteed acceptance to TTU	TTU - Dual Admissions
Trevecca Nazarene University	Trevecca's Bachelor of Arts in Management & Leadership program is offered on-site at Motlow, on the Moore County Campus.	Trevecca - BML (Management & Leadership)
Trevecca Nazarene University	Our A.A.S. Medical Office Concentration into their bachelor in Healthcare Administration	Trevecca - B.S. Healthcare Administration
University of Alabama - Huntsville	First four semesters of "academic courses" to be completed at Motlow State; semesters five through nine to be completed at both Motlow State and UAH; results in a B.S.N. in Nursing from UAH College of Nursing	UAH - Nursing Transfer/Dual Credit
University of Arkansas - Fort Smith	Our A.A.S. degree to their B.A.S.	UAFS - B.A.S.
University of Phoenix	Our A.A. and A.S. degrees transfer; 5% tuition reduction	University of Phoenix - Transfer
University of Tennessee - Chattanooga	Dual Admission for MSCC students; guaranteed acceptance to UTC	UTC - Dual Admissions

University of Tennessee - Chattanooga	Honors Transfer	UTC - Honors
University of Tennessee - Chattanooga	<ul style="list-style-type: none"> <li>• Our A.A.S. Mechatronics to their B.A.S. Mechatronics Engineering Technology</li> <li>• Our A.S. Civil Engineering Area of Emphasis to their B.S. Civil Engineering</li> <li>• Our A.S. Electrical Engineering Area of Emphasis to their B.S. Electrical Engineering</li> <li>• Our A.S. Mechanical Engineering Area of Emphasis to their B.S. Mechanical Engineering</li> </ul>	UTC - Articulations
Wester Governors University	5% tuition discount for MSCC graduates and staff	WGU - Discount
Williamson College	<p>Any of the following degrees of ours, to their B.S. Business Administration:</p> <ul style="list-style-type: none"> <li>• A.S. Accounting Area of Emphasis</li> <li>• A.S. Business Administration Area of Emphasis</li> <li>• A.S. Economics Area of Emphasis</li> <li>• A.S. Finance Area of Emphasis</li> <li>• A.S. Management Area of Emphasis</li> <li>• A.S. Marketing Area of Emphasis</li> <li>• A.A.S. Accounting Concentration</li> <li>• A.A.S. Business Office Concentration</li> <li>• A.A.S. Medical Office Concentration</li> </ul>	Williamson College - Articulations

	<ul style="list-style-type: none"><li>• <b>A.A.S. Supply Chain Management Concentration</b></li></ul>	
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# ACADEMIC AFFAIRS

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## *Academic Calendars*

The academic calendars are subject to change at any time prior to or during an academic term due to emergencies or causes beyond the reasonable control of the institution, including severe weather, loss of utility services, or orders by federal or state agencies. For student dates and deadlines, please refer to the Master Calendar.

<b>Fall 2023</b>	<b>Classes Begin</b>	<b>Labor Day Holiday</b>	<b>Midterm Exams</b>	<b>Last day to submit completed work to remove "I" for Spring and Summer 2023</b>	<b>Fall Break</b>	<b>Thanksgiving Break</b>	<b>Last Day of Classes</b>	<b>Final Exams</b>	<b>Grades Due</b>
<b>Full Term:</b>	August 21	September 4	September 29–October 5	October 6	October 6–10	November 23–26	December 1	December 4–8	December 11
<b>1st Session:</b>	August 21	September 4	N/A	October 6	N/A	N/A	October 5	Last day class meets	October 11
<b>2nd Session:</b>	October 11	N/A	N/A	N/A	N/A	November 23–26	December 8	Last day class meets	December 11

<b>Spring 2024</b>	<b>Classes Begin</b>	<b>Midterm Exams</b>	<b>Last day to submit completed work to remove "I" for Fall 2023</b>	<b>Spring Break</b>	<b>Administrative Closing/No Classes</b>	<b>Last Day of Classes</b>	<b>Final Exams</b>	<b>Grades Due</b>

<b>Full Term:</b>	January 16	February 26– March 3	March 3	March 4–8	March 29	April 26	April 29– May 3	May 6
<b>1st Session :</b>	January 16	N/A	March 3	N/A	N/A	March 1	Last day class meets	March 4
<b>2nd Session :</b>	March 11	N/A	N/A	N/A	March 29	May 3	Last day class meets	May 6

<b>Summer 2024</b>	<b>Classes Begin</b>	<b>Independence Day Holiday</b>	<b>Last day of Classes</b>	<b>Final Exams</b>	<b>Grades Due</b>
<b>Full Term:</b>	May 28	July 4	August 1	August 2	August 5
<b>1st Session:</b>	May 28	N/A	June 27	June 28	July 1
<b>2nd Session:</b>	July 1	July 4	August 1	August 2	August 5

## *Academic and Career Programs*

**Motlow State Community College offers the following degree programs: Associate of Arts (A.A.), Associate of Fine Arts (A.F.A.), Associate of Science (A.S.), Associate of Science in Teaching (A.S.T.), several Associate of Applied Science (A.A.S.) and certificate programs.**

### **Academic Programs**

#### Tennessee Transfer Pathways (TTP) Associate Degrees

A student who completes all the courses listed for the selected major of a Transfer Pathway will be able to earn an A.A. or A.S. degree from the community college. Whenever the student transfers to a Tennessee public or private college/university, the transcript will certify that the pathway has been followed. The student is guaranteed that all the community college courses taken will be accepted at the college/university and the courses will count toward completion of the particular major. If a community college student transfers to another Tennessee community college, he or she is guaranteed that all courses transfer.

#### *Important Note:*

Admission to UT, Knoxville is competitive. For UTK, the Pathways do not guarantee admission. Provided that all other admission criteria are met, individual TICUA institutions may require courses specific to their mission that do not result in additional time spent toward degree completion.

### **Career & Technical Programs**

#### **Associate of Applied Science (A.A.S.)**

The A.A.S. program is a two-year degree plan designed for students who want to pursue short-term training so they can quickly enter the workforce.

#### **Workforce Education Certificates**

Certificates are programs of study that vary in length and are designed to prepare the student for occupational employment. Requirements vary by area of study.

### **Degree Programs with Classification of Instructional Program (CIP) Codes**

- Advanced Emergency Medical Technician Certificate, C1: 31.51.0904.03
- Associate of Fine Arts, A.F.A.: 30.50.0101.00
- Business Major, A.A.S.: 32.52.0201.01
- Computer Information Technology, A.A.S.: 06.11.0103.00
- Customer Service 21 hours Certificate, C1.: 32.52.0201.02
- Early Childhood Education 12 hours Certificate, C1.: 12.19.0706.00
- Early Childhood Education 24 hours Certificate, C1.: 12.19.0706.01
- Emergency Medical Technician Certificate, C1: 31.51.0904.02
- Entrepreneurship, A.A.S.: 32.52.0701.00
- Mechatronics Technology, A.A.S.: 09.15.0403.00
- Mechatronics Technology Certificate, C1.: 09.15.0403.00
- Medical Laboratory Technology, A.A.S.: 31.51.1004.00
- Nursing, A.A.S.: 31.51.3801.00
- Paramedic, A.A.S.: 31.51.0904.00

- Paramedic Certificate, C1: 31.51.0904.00
- Supply Chain Management Certificate: C1:32.52.0203.00
- Teaching, A.S.T.: 08.13.0101.00
- University Parallel, A.A.: 16.24.0101.01
- University Parallel, A.S.: 16.24.0101.01

## General Education Core Requirements

### General Education

Effective Fall Semester 2004, each institution in the State University and Community College System of Tennessee (The Tennessee Board of Regents System) will share a common lower-division general education core curriculum of forty-one (41) semester hours for baccalaureate degrees and the Associate of Arts and the Associate of Science degrees. "Lower-division" means freshman and sophomore courses. The courses comprising the general education curriculum are contained within the following subject categories:

#### Baccalaureate Degrees and Associate of Arts and Associate of Science Degrees\*

Communication	9 hours**
Humanities and/or Fine Arts	9 hours (At least one course must be in literature.)
Social/Behavioral Sciences	6 hours
History	6 hours***
Natural Science	8 hours
Mathematics	3 hours
	Total 41 hours

\*Foreign language courses are an additional requirement for the Associate of Arts (A.A.) and Bachelor of Arts (B.A.) degrees. The B.A. degree requires proficiency in a foreign language equivalent to completion of two years of college-level work. The A.A. degree requires proficiency in a foreign language equivalent to completion of one year of college-level work.

\*\*Six (6) hours of English Composition and three (3) hours in English oral presentational communication are required.

\*\*\*Students who plan to transfer to most Tennessee public universities should take six (6) hours of United States History (three (3) hours of Tennessee History may substitute). Students who plan to transfer to University of Tennessee System universities or to out-of-state or private universities should check requirements and take the appropriate courses.

Although the courses designated by Tennessee Board of Regents (TBR) institutions to fulfill the requirements of the general education subject categories vary, transfer of the courses is assured through the following means:



- Upon completion of an A.A or A.S. degree, the requirements of the lower-division general education core will be complete and accepted by most Tennessee public universities in the transfer process.
- If an A.A. or A.S. is not obtained, transfer of general education courses will be based upon fulfillment of complete subject categories. (Example: If all eight (8) hours in the category of Natural Science are complete, then this "block" of the general education core is complete.) When a subject category is incomplete, course-by-course evaluation will be conducted. The provision of block fulfillment pertains also to students who transfer among most Tennessee public universities.
- Institutional/departmental requirements of the grade of "C" will be honored. Even if credit is granted for a course, any specific requirements for the grade of "C" by the receiving institution will be enforced.
- In certain majors, specific courses must be taken also in general education. It is important that students and advisors be aware of any major requirements that must be fulfilled under lower-division general education.

Courses designated to fulfill general education by Motlow College are published on the following pages of this catalog and are identified in the Course Descriptions section with a •. A complete listing of the courses fulfilling general education requirements for all system institutions is available on the TBR website ([www.tbr.edu](http://www.tbr.edu)) under Transfer and Articulation Information.

Through the structure of its general educational curriculum, Motlow State Community College seeks to provide experiences designed to prepare students for responsible citizenship; for productive, wholesome, and creative participation in life activities; and for intelligent decision making. After completing the General Education program (University Parallel major) at Motlow, students will be able to

- Achieve specific purposes via written and/or oral presentations and projects with attention to proper diction, grammar, formatting, and awareness of audience needs.
- Use data, graphs, and tables to analyze and represent statistical reasoning.
- Use mathematics to solve problems and test the logic of solutions.
- Distinguish between scientific and non-scientific explanations via basic scientific language and processes and use scientific experimentation, hypothesis, and analysis to solve problems or address issues of a scientific nature.
- Appreciate, explain, and evaluate the ways in which humanistic and artistic expression throughout the ages expresses the diverse culture(s) and value(s) of its respective time and place.
- Critically recognize and articulate how individuals are influenced by political, geographical, economic, cultural, psychological, and familial institutions in their own and other diverse cultures.
- Remember, compare, and evaluate the historical diversity of human experiences across time periods from political, geographic, economic, social, cultural, religious, and intellectual perspectives.

**THE FOLLOWING COURSES HAVE BEEN ACCEPTED BY THE TENNESSEE BOARD OF REGENTS AS MEETING THE GENERAL EDUCATION CORE REQUIREMENTS**

## COMMUNICATION

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

## HISTORY

### OPTION 1:

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

### OPTION 2 – Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

## HUMANITIES AND/OR FINE ARTS

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

## MATHEMATICS

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

## NATURAL SCIENCE

*\*BIOL 1010/CHEM 1010 cannot be paired with BIOL 1110/CHEM 1110 or BIOL 1120/CHEM 1120 to meet the General Education science requirement. (Unless otherwise noted, a sequence is not required.)*

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## SOCIAL/BEHAVIORAL SCIENCES

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

## DEGREES NOT DESIGNED FOR TRANSFER

The Tennessee Board of Regents has determined that the following associate degree requirements be regarded as the minimum acceptable requirements for career programs not designed for transfer.

1. All components of requirements for associate degrees designed primarily for immediate employment should be outcome oriented.
2. The degree major for associate degree career programs shall require a minimum of 60 semester credit hours.
3. The technical specialty component of the career degree major shall consist of a minimum of 44-45 semester credit hours.
4. The requirements for a basic core of general education courses for career degrees shall consist of 15-16 semester credit hours including a minimum of one course in each of the following areas:

	3 hours
	3 hours
a. English Composition	3 hours
b. Humanities and/or Fine Arts	3 hours
c. Social/Behavioral Science	3 hours
d. Natural Science/Mathematics	3 to 4 hours
e. One additional course from the categories of Communication, Humanities and/or Fine Arts, Social/Behavior Sciences, and Natural Science /Mathematics _____	—
	15 or 16 hours

Specific courses satisfying these requirements must be the same courses that satisfy the general education requirement for the Associate (A.A./A.S./A.S.T.) and Baccalaureate degrees.

5. Although open admission to the institution for all adults is a cardinal characteristic of TBR community colleges, the institution may set minimum admission requirements for career degree programs.
6. Credit hours earned in basic developmental studies courses cannot be used to satisfy the minimum sixty (60) semester credit hour requirement.

**Associate of Arts Degree (A.A.) University Parallel Major-Area of Emphasis:  
African American Studies (A.A.)**

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 credit hours of foreign language included in the 19 total)

- General Electives 4 sem hrs cr

And three of the following:

- AAST 2200 - African American Studies 3 sem hrs cr
- ENGL 2055 - African American Literature 3 sem hrs cr
- HIST 2060 - African American History 3 sem hrs cr
- MUS 1035 - History of Jazz 3 sem hrs cr

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All African American Studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Art (Studio) (A.A.) TTP

Humanities

Associate of Arts Degree

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

- ART 2000 - Art History Survey I 3 sem hrs cr \*
- ART 2020 - Art History Survey II 3 sem hrs cr \*

**AND**

ONE OF THE FOLLOWING:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr



- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (21 credit hours)

- ART 1045 - Drawing I 3 sem hrs cr

- ART 1050 - Drawing II 3 sem hrs cr  
*(Students who plan to attend East Tennessee State University or the University of Tennessee, Knoxville will complete ART 1045 and a three-hour elective course in Studio Art rather than ART 1050.)*
- ART 1340 - Foundations Studio I 3 sem hrs cr
- ART 1350 - Foundations Studio II 3 sem hrs cr
- ART 2030 - Painting 3 sem hrs cr

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 62\*

\*All art majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Note: Students who attend community colleges that do not offer ART 2000, ART 2020 will complete these courses upon transfer to a university. These students will complete requirements in the Humanities/Fine Arts as prescribed at the community college where they are enrolled.*

#### FALL START ONLY - Recommended Full-Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible

through MyMotlow.

### Semester One (15 credit hours)

- ART 1045 - Drawing I 3 sem hrs cr
- ART 1340 - Foundations Studio I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Mathematics 3 sem hrs cr

### Semester Two (15 credit hours)

- ART 1050 - Drawing II 3 sem hrs cr
- ART 1350 - Foundations Studio II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Three (16 credit hours)

- ART 2000 - Art History Survey I 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Four (16 credit hours)

- ART 2020 - Art History Survey II 3 sem hrs cr
- ART 2030 - Painting 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### **Criminal Justice Administration (A.A.) TTP**

Social & Behavioral Sciences

Associate of Arts Degree

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr

- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign languages included in the 19 total)

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- General Electives 1 sem hr cr

## Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All criminal justice administration majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

## Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

## Semester One - Fall (15 credit hours)

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

## Semester Two - Spring (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

- Elective 1 sem hr cr
- History Sequence 3 sem hrs cr

### Semester Three - Fall (16 credit hours)

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- **Literature** 3 sem hrs cr
- Natural Science 4 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### Semester Four - Spring (16 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (15 credit hours)

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Two - Fall (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

- Foreign Language Sequence 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Three - Spring (16 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

#### Semester Four - Fall (14 credit hours)

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Elective 1 sem hr cr
- **Literature** 3 sem hrs cr
- Natural Science 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall Start)

The following is a recommended **part-time fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Two - Spring (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three - Summer (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr



- Literature 3 sem hrs cr

#### Semester Four - Fall (6 credit hours)

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr

#### Semester Five - Spring (6 credit hours)

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr

#### Semester Six - Summer (5 credit hours)

- Elective 1 sem hr cr
- Natural Science 4 sem hrs cr

#### Semester Seven - Fall (6 credit hours)

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Eight - Spring (6 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Nine - Summer (7 credit hours)

- Natural Science 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Ten - Fall (6 credit hours)

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Recommended Part-Time Schedule (Spring Start)

The following is a recommended **part-time spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Two - Summer (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three - Fall (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Four - Spring (6 credit hours)

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr

#### Semester Five - Summer (4 credit hours)

- Elective 1 sem hr cr
- Foreign Language Sequence 3 sem hrs cr

#### Semester Six - Fall (7 credit hours)

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Seven - Spring (7 credit hours)

- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Eight - Summer (6 credit hours)

- History Sequence 3 sem hrs cr
- Mathematics 3 sem hrs cr

### Semester Nine - Fall (6 credit hours)

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

### Semester Ten - Spring (6 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### **Economics (A.A.) TTP**

Business and Technology  
Associate of Arts Degree

This pathway is designed for transfer to an Economics Major, B.A. Degree, in the College of Business and Technology at East Tennessee State University; in the College of Arts and Sciences at the University of Memphis; and in the College of Arts and Sciences at the University of Tennessee Knoxville.

### GENERAL EDUCATION REQUIREMENTS (41 Credit Hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

**Students who plan to transfer to UT Knoxville must complete MATH 2050 - Calculus-Based Prob/Stats.**

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign language included in the 19-hour total)

- MATH 1830 - Applied Calculus 3 sem hrs cr
- Electives 10 sem hrs cr

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

#### Area of Emphasis Notes for Transferring Students

- This pathway is designed for transfer to an Economics Major, B.A. Degree, in the College of Business and Technology at East Tennessee State University; in the College of Arts and Sciences at the University of Memphis; and in the College of Arts and Sciences at the University of Tennessee, Knoxville.
- MATH 1830 (or equivalent) is **required** for the B.A. in Economics **at ETSU and UTK**. However, it is **not required** for the B.A. in Economics at the **University of Memphis**.
- Students should consult with an advisor from the university to which they intend to transfer for recommended guided electives.

Semester Hours Credit: 60\*

\*All economics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of C or higher**)
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (MATH 2050 - **UTK transfers**)

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of C or higher**)
- Guided Elective 4 sem hrs cr *[Students who do not have a minimum ACT Mathematics Subject Score of 25 & have not completed MATH 1630, MATH 1710, or MATH 1730 should take MATH 1630 for 3 hours of this elective to be eligible for MATH 1830 in semester three.]*
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (17 credit hours)

- MATH 1830 - Applied Calculus 3 sem hrs cr *[Students must have a minimum ACT Mathematics Subject Score of 25 or complete MATH 1630, MATH 1710, MATH 1730 prior to taking MATH 1830.]*
- Foreign Language 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Four (13 credit hours)

- Foreign Language 3 sem hrs cr

- Guided Electives (should not be BUSN/INFS courses) 6 sem hrs cr
- Natural Science 4 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**MATH 2050 - UTK transfers**)

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR equivalent**

#### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Four (6 credit hours)

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (6 credit hours)

- Guided Electives (should not be BUSN/INFS courses) 6 sem hrs cr

#### Semester Six (6 credit hours)

- History Sequence 6 sem hrs cr

#### Semester Seven (7 credit hours)

- Foreign Language 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Eight (7 credit hours)

- Foreign Language 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Nine (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- **Literature** 3 sem hrs cr

#### Semester Ten (4 credit hours)

- Guided Elective 4 sem hrs cr

### **English (A.A.) TTP**

Languages

Associate of Arts Degree

#### **Career Opportunities:**

Our Associates of Arts Degree in English qualifies you to transfer to any of Tennessee's university programs. Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Teaching
- Public Relations
- Law
- Technical Writing

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr



- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

##### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

##### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(12 hours of a single foreign language included in total 19 hours)

Two of the following:

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr

- ENGL 2310 - Early World Literature 3 sem hrs cr
  - ENGL 2320 - Modern World Literature 3 sem hrs cr
  - ENGL 2330 - Topics in World Literature 3 sem hrs cr
- AND
- General Elective 1 sem hr cr

#### Foreign Language (12 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
  - FREN 1020 - Beginning French II 3 sem hrs cr
  - FREN 2010 - Intermediate French I 3 sem hrs cr
  - FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
  - SPAN 1020 - Beginning Spanish II 3 sem hrs cr
  - SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
  - SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All English majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (*accelerated 1st 7-week course*)
- ENGL 1020 - English Composition II 3 sem hrs cr (*accelerated 2nd 7-week course*)
- Mathematics 3 sem hrs cr
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr

### Semester Two (15 credit hours)

- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 6 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr

### Semester Three (16 credit hours)

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr

### Semester Four (14 credit hours)

- Elective 1 sem hr cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr (*Accelerated 1st 7-week course*)
- ENGL 1020 - English Composition II 3 sem hrs cr (*Accelerated 2nd 7-week course*)

### Semester Two (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Mathematics 3 sem hrs cr

### Semester Three (6 credit hours)

- History Sequence 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr **OR** ENGL 2330 - Topics in World Literature 3 sem hrs cr

### Semester Four (6 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts (*ART, MUS, or THEA*) 3 sem hrs cr

### Semester Five (6 credit hours)

- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- Humanities/Fine Arts (*ART, MUS, or THEA*) 3 sem hrs cr

### Semester Six (7 credit hours)

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Seven (7 credit hours)

- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Eight (6 credit hours)

- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Nine (4 credit hours)

- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- Elective 1 sem hr cr

### Semester Ten (6 credit hours)

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

### **Foreign Language (A.A.) TTP**

Languages

Associate of Arts Degree

## GENERAL EDUCATION REQUIREMENTS (41 credit hours)

### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

## History (6 credit hours)

### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

## Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- General Electives 7 sem hrs cr  
And 12 credit hours in one single foreign language:
- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All foreign language majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Note: Please check websites of the university departments of foreign language for additional information regarding advisement available to the students majoring in foreign language.*

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr



- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Mathematics 3 sem hrs cr
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr

#### Semester Two (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr

#### Semester Three (16 credit hours)

- Elective 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr

#### Semester Four - (14 credit hours)

- Elective 1 sem hr cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr

**Semester Two (6 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr

**Semester Three (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Mathematics 3 sem hrs cr

**Semester Four (6 credit hours)**

- Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Five (6 credit hours)**

- **Literature** 3 sem hrs cr
- Elective 3 sem hrs cr

**Semester Six (7 credit hours)**

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Seven (7 credit hours)**

- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight (6 credit hours)**

- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Nine (4 credit hours)**

- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- Elective 1 sem hr cr

**Semester Ten (6 credit hours)**

- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

## **General Studies (Track 1) (A.A.)**

Humanities

### **Track 1 - Tennessee Board of Regents**

GENERAL EDUCATION(41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Mathematics (3-4 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (18-19 credit hours)

(6 credit hours of foreign language included in 18-19 hours total)

- General Electives 12–13 sem hrs cr

*Note: If you take a three-hour math course, you must take 13 hours of electives. If you take a four-hour math course, you will only need 12 hours of electives.*

## Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60

\*All general studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### *Additional Notes:*

- MATH 1710 and MATH 1720 are required courses for students lacking the background to start with MATH 1910. Completion of this requirement will be verified by the mathematics faculty and the individual advisor.

- Students who are planning to pursue licensure in secondary education at MTSU or TTU should take EDUC 2210 and *either* EDU 1110 or EDU 1120 (both of which are offered via TN eCampus) as prerequisites for admission to teacher education programs.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Two (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Three (15 credit hours)

- General Elective 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (13 credit hours)

- Foreign Language Sequence 3 sem hrs cr
- General Electives 7 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### **General Studies (Track 2) (A.A.)**

Humanities

## **Track 2 - University of Tennessee System**

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr

- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3-4 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr



## AREA OF EMPHASIS REQUIREMENTS (18-19 credit hours)

(6 hours of foreign language included in the 18–19 hours total)

- General Electives 9–10 sem hrs cr  
One of the following:
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr

### *NOTES:*

- *If you take a three-hour math course, you must take 10 hours of general electives. If you take a four-hour math course, you will need 9 hours of general electives.*
- *MATH 1910 can fulfill **either** the gen-ed math requirement **or** the area of emphasis requirement. It cannot count for both.*

## Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60

\*All general studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### **NOTES:**

- Students should consult the appropriate University of Tennessee (Knoxville, Chattanooga, or Martin) program of study which they wish to enter at the university for the appropriate mathematics course. Courses to be transferred must be completed with a grade of "C" or above.

- MATH 1710 and MATH 1720 are required courses for students lacking the background to start with MATH 1910. Completion of this requirement will be verified by the mathematics faculty and the individual advisor.

#### Semester One (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Two (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Three (15 credit hours)

- Foreign Language Sequence 3 sem hrs cr
- General Elective 3 sem hrs cr
- Literature 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (13 credit hours)

- Foreign Language Sequence 3 sem hrs cr
- General Elective 3-4 sem hrs cr
- Mathematics - 3-4 sem hrs cr
- Social/Behavioral Sciences - 3 sem hrs cr

#### **History (A.A.) TTP**

Social & Behavioral Sciences  
Associate of Arts Degree

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr

- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

#### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 credit hours of foreign language included in the 19 total)

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

- HIST 2030 - Tennessee History 3 sem hrs cr
- General Electives 4 sem hrs cr

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All history majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 Credit Hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two (15 Credit Hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Semester Three (16 Credit Hours)

- HIST 2310 - Early World History 3 sem hrs cr
- Literature 3 sem hrs cr
- Elective 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (14 Credit Hours)

- HIST 2320 - Modern World History 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Elective 1 sem hr cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Art 3 sem hrs cr

#### Semester Two (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Foreign Language 3 sem hrs cr

**Semester Four (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

**Semester Five (6 credit hours)**

- Foreign Language 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

**Semester Six (6 credit hours)**

- Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Seven (7 credit hours)**

- HIST 2310 - Early World History 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight (6 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Nine (7 credit hours)**

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Ten (4 credit hours)**

- HIST 2320 - Modern World History 3 sem hrs cr
- Elective 1 sem hr cr

**Mass Communications (A.A.) TTP**

Humanities

Associate of Arts Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr



**OR OPTION 2**

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

**Natural Science (8 credit hours)**

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs

- MATH 1910 - Calculus I 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign language included in 19 total)

- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- COMM 1020 - Media Writing 3 sem hrs cr
- COMM 1030 - Introduction to Electronic Media 3 sem hrs cr
- COMM 2500 - Survey of New Media 3 sem hrs cr
- General Elective 1 sem hr cr (*must be outside Mass Comm subject area*)

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All mass communication majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Please note: Practicum courses are excluded as acceptable electives.*

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

### Semester Two (15 credit hours)

- COMM 1020 - Media Writing 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

### Semester Three (16 credit hours)

- COMM 1030 - Introduction to Electronic Media 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

### Semester Four (14 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- COMM 2500 - Survey of New Media 3 sem hrs cr
- Elective 1 sem hr cr
- Foreign Language Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

### **Political Science (A.A.) TTP**

Social & Behavioral Sciences

Associate of Arts Degree

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

## Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

## Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr

And one of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

## Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

## History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

## OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

## Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign language included in the 19 total)

- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- General Electives 7 sem hrs cr

## Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr  
OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr  
OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr  
OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All political science majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### **NOTES FOR TRANSFERRING STUDENTS:**

Students should confer with their advisor or a representative of the university to which they intend to transfer to determine the recommended history courses. Students who intend to transfer to **UTK** should take 6 credit hours of a non-U.S. History sequence to fulfill the history requirements. **UTC** requires that one of the History courses be U.S. History.

#### **Recommended Full-Time Schedule (Fall or Spring Start)**

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### **Semester One (15 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

### Semester Two (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Elective 1 sem hr cr
- POLS 2025 - State and Local Government 3 sem hrs cr

### Semester Three (16 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- Elective 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Four (16 credit hours)

- Elective 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Foreign Language 3 sem hrs cr

### Semester Two (6 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

**Semester Three (6 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- Elective 3 sem hrs cr

**Semester Four (6 credit hours)**

- Foreign Language 3 sem hrs cr
- History Sequence 3 sem hrs cr

**Semester Five (6 credit hours)**

- Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Six (6 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

**Semester Seven (7 credit hours)**

- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight (6 credit hours)**

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Nine (7 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Ten (4 credit hours)**

- Elective 1 sem hr cr
- Literature 3 sem hrs cr

**Pre-Law (A.A.)**

Social & Behavioral Sciences

Associate of Arts Degree

**GENERAL EDUCATION (41 credit hours)**



### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

### History (6 credit hours)

**OPTION 1**

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

**OR OPTION 2**

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

**Natural Science (8 credit hours)**

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign language included in the 19 total)

- SOCI 1040 - Social Problems 3 sem hrs cr
- General Electives 3-4 sem hrs cr

One of the following Criminal Justice Electives:

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- CRMJ 2120 - The Juvenile Justice System 3 sem hrs cr
- CRMJ 2400 - Introduction to Criminology 3 sem hrs cr

One of the following Guided Electives:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

*Note: The same course cannot be used twice to meet degree requirements.*

Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

## Semester Hours Credit: 60\*

\*All pre-law majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (13 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- General Elective 1 sem hr cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (16 credit hours)

- Foreign Language Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr

#### Semester Four (16 credit hours)

- Criminal Justice Elective 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr

- Guided Elective 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Three (4 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- General Elective 1 sem hr cr

#### Semester Four (6 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- General Elective 3 sem hrs cr

#### Semester Six (6 credit hours)

- Foreign Language Sequence 3 sem hrs cr

- Literature 3 sem hrs cr

**Semester Seven (7 credit hours)**

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Eight (6 credit hours)**

- Criminal Justice Elective 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr

**Semester Nine (7 credit hours)**

- Foreign Language Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Ten (6 credit hours)**

- Guided Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

## **Psychology (A.A.) TTP**

Social & Behavioral Sciences

Associate of Arts Degree

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr

- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

##### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

##### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

#### Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 credit hours of foreign language included in 19 total)

- General Electives 4 sem hr cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- PSYC 2120 - Social Psychology 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR



- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All psychology majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Two (13 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective sem hr cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

#### Semester Three (16 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- General Elective 3 sem hrs cr
- PSYC 2120 - Social Psychology 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Four (16 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

#### Semester Two (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Four (6 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (4 credit hours)

- Elective 1 sem hr cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Six (6 credit hours)

- Elective 3 sem hrs cr
- Foreign Language 3 sem hrs cr

#### Semester Seven (7 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- PSYC 2120 - Social Psychology 3 sem hrs cr

#### Semester Eight (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Nine (7 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs

#### Semester Ten (6 credit hours)

- Foreign Language 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### **Social Work (A.A.) TTP**

Social & Behavioral Sciences

Associate of Arts Degree

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign language included in the 19 total)

- SWRK 2010 - Introduction to Social Work 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- General Elective 1 sem hr cr
- One of the following:
- SOCI 1040 - Social Problems 3 sem hrs cr
- SWRK 2030 - Introduction to Social Welfare and Policy 3 sem hrs cr
- SWRK 2045 - Introduction to Counseling 3 sem hrs cr

And one of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

#### Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr

- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All social work majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTE:** Any student planning to attend the University of Tennessee, Knoxville should take *SWRK 2030 - Introduction to Social Welfare and Policy* to complete the Area of Emphasis requirements.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Two (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr **OR** SWRK 2030 - Introduction to Social Welfare and Policy 3 sem hrs cr **OR** SWRK 2045 - Introduction to Counseling 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Three (16 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- Foreign Language 3 sem hrs cr
- Natural Science 4 sem hrs cr

- POLS 1030 - American Government 3 sem hrs cr
- SWRK 2010 - Introduction to Social Work 3 sem hrs cr (*Spring only*)

#### Semester Four (14 credit hours)

- Elective 1 sem hr cr
- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

#### Semester Two (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

#### Semester Four (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Five (6 credit hours)

- History Sequence 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr **OR** SWRK 2030 - Introduction to Social Welfare and Policy 3 sem hrs cr **OR** SWRK 2045 - Introduction to Counseling 3 sem hrs cr

#### Semester Six (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- Foreign Language 3 sem hrs cr

#### Semester Seven (7 credit hours)

- Natural Science 4 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

#### Semester Eight (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- SWRK 2010 - Introduction to Social Work 3 sem hrs cr

#### Semester Nine (7 credit hours)

- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Ten (4 credit hours)

- Elective 1 sem hr cr
- Foreign Language 3 sem hrs cr

### **Sociology (A.A.) TTP**

Social & Behavioral Sciences

Associate of Arts Degree

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*



Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

(6 hours of foreign language included in the 19 total)

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- Sociology Elective\* 3 sem hrs cr
- General Electives 3 sem hrs cr

*\*Universities will determine whether the sociology elective course counts towards requirements of the sociology major or as elective credit applied to the requirements of the baccalaureate degree.*

Foreign Languages (6 credit hours)

- FREN 1010 - Beginning French I 3 sem hrs cr
- FREN 1020 - Beginning French II 3 sem hrs cr
- OR
- FREN 2010 - Intermediate French I 3 sem hrs cr
- FREN 2020 - Intermediate French II 3 sem hrs cr
- OR
- SPAN 1010 - Beginning Spanish I 3 sem hrs cr
- SPAN 1020 - Beginning Spanish II 3 sem hrs cr
- OR
- SPAN 2010 - Intermediate Spanish I 3 sem hrs cr
- SPAN 2020 - Intermediate Spanish II 3 sem hrs cr

Semester Hours Credit: 60\*

\*All sociology majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Two (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Three (16 credit hours)

- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- Sociology Elective 3 sem hrs cr

### Semester Four (14 credit hours)

- Elective 1 sem hr cr
- Foreign Language 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

### Semester Two (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### Semester Four (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr

- SOCI 1040 - Social Problems 3 sem hrs cr

#### Semester Five (6 credit hours)

- Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Six (6 credit hours)

- Foreign Language 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Seven (7 credit hours)

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Eight (6 credit hours)

- Literature 3 sem hrs cr
- Sociology Elective 3 sem hrs cr

#### Semester Nine (6 credit hours)

- Foreign Language 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Ten (5 credit hours)

- Elective 1 sem hr cr
- Natural Science 4 sem hrs cr

### Associate of Fine Arts Degree (A.F.A.) University Parallel Major-Area of Emphasis:

#### Art (Studio) (A.F.A.) TTP

#### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

### Humanities/Fine Arts (9 credit hours)

- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr

And one of the following:

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr

### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

### History (6 credit hours)

#### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

#### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

## Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (21 credit hours)

- ART 1045 - Drawing I 3 sem hrs cr
- ART 1050 - Drawing II 3 sem hrs cr
- ART 1340 - Foundations Studio I 3 sem hrs cr

- ART 1350 - Foundations Studio II 3 sem hrs cr
- Studio Art Electives 9 sem hrs cr

Semester Hours Credit: 62\*

\*All studio art majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Please also note:*

- Students who plan to attend ETSU or UTK should take a three-credit-hour Studio Art Elective instead of ART 1050 - Drawing II.
- Studio Art Electives are to be 1000- and 2000-level, non-sequential studio art courses. Students should consult their advisor regarding which studio art courses to take depending upon the university to which they plan to transfer.
- For the B.F.A. at UT-Martin, four credit hours of foreign language are required. For the B.F.A. at UTK, six credit hours of foreign language are required.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (15 credit hours)

- ART 1045 - Drawing I 3 sem hrs cr
- ART 1340 - Foundations Studio I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Math 3 sem hrs cr
- History 3 sem hrs cr

### Semester Two - Spring (15 credit hours)

- ART 1050 - Drawing II 3 sem hrs cr
- ART 1350 - Foundations Studio II 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- History 3 sem hrs cr



### Semester Three - Fall (16 credit hours)

- ART 2000 - Art History Survey I 3 sem hrs cr
- Studio Art elective 3 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Four - Spring (16 credit hours)

- ART 2020 - Art History Survey II 3 sem hrs cr
- Studio Art electives 6 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr
- Natural Science 4 sem hrs cr

### **Music (A.F.A.) TTP**

Humanities

Associate of Fine Arts Degree

### GENERAL EDUCATION (35 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (3 credit hours)\*

- MUS 1030 - Introduction to Music 3 sem hrs cr \*\*

#### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (26 credit hours)

- MUS 1057 - Music Theory I 3 sem hrs cr
- MUS 1155 - Music Theory II 3 sem hrs cr
- MUS 2055 - Music Theory III 3 sem hrs cr
- MUS 1058 - Ear Training I 1 sem hr cr
- MUS 1156 - Ear Training II 1 sem hr cr
- MUS 2056 - Ear Training III 1 sem hr cr
- MUS 1027 - Class Piano I 1 sem hr cr
- MUS 1127 - Class Piano II 1 sem hr cr
- Lessons (Instrument or Voice) 8 sem hrs cr
- Ensembles (Choir or Band) 4 sem hrs cr

Semester Hours Credit: 61\*\*\*

\*\*\*All music majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### **ADDITIONAL INFORMATION FOR TRANSFERRING STUDENTS:**

\*Students will complete the remaining six hours of the humanities requirement, including one course in literature, at universities upon transfer.

\*\*Students who plan to transfer to the *University of Memphis* should complete a course in literature rather than music appreciation.

Students must successfully complete placement requirements in music theory, ear training, and piano at the university where transfer is planned. Students must also successfully complete required university auditions as appropriate.

FALL START ONLY - Recommended Full-Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (14 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MUS 1027 - Class Piano I 1 sem hr cr
- MUS 1057 - Music Theory I 3 sem hrs cr
- MUS 1058 - Ear Training I 1 sem hr cr
- Lessons (Instrument or Voice) 2 sem hrs cr
- Ensembles (Choir or Band) 1 sem hr cr
- Mathematics 3 sem hrs cr

#### Semester Two (17 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- MUS 1127 - Class Piano II 1 sem hr cr
- MUS 1155 - Music Theory II 3 sem hrs cr
- MUS 1156 - Ear Training II 1 sem hr cr
- Lessons-Instrument or Voice - 2 sem hrs cr
- Ensembles-Choir or Band - 1 sem hr cr

#### Semester Three (17 credit hours)

- MUS 2055 - Music Theory III 3 sem hrs cr
- MUS 2056 - Ear Training III 1 sem hr cr
- Lessons (Instrument or Voice) 2 sem hrs cr
- Ensembles (Choir or Band) 1 sem hr cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (13 credit hours)

- Lessons (Instrument or Voice) 2 sem hrs cr
- Ensembles (Choir or Band) 1 sem hr cr

- Natural Science 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### **Theatre Arts - Performance (A.F.A.) TTP**

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

- THEA 1030 - Introduction to Theatre 3 sem hrs cr

##### One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

##### And one of the following:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

##### Social/Behavioral Sciences (6 credit hours)

##### Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

##### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

##### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

### Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- THEA 1015 - Acting I 3 sem hrs cr
- THEA 1020 - Acting II 3 sem hrs cr
- THEA 1025 - Stagecraft I 3 sem hrs cr **OR** THEA 2015 - Introduction to Theatre Design 3 sem hrs cr **OR** THEA 2030 - Script Analysis for the Theatre 3 sem hrs cr
- THEA 2011 - Production Practicum 1 sem hr cr (*to be repeated for a total of 3 sem hrs cr*)
- Theatre electives 7 sem hrs cr

### AREA OF EMPHASIS Notes for Transferring Students

- Students should consult with the university Theatre Arts program to which they intend to transfer for appropriate Theatre electives.
- For admission into a university Theatre Arts program, students must also successfully complete required auditions for admittance and/or scholarship.

Semester Hours Credit: 60\*

\*All theatre performance majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (16 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- History 3 sem hrs cr
- Math 3 sem hrs cr
- THEA 1015 - Acting I 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- THEA 2011 - Production Practicum 1 sem hr cr

#### Semester Two - Spring (17 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History 3 sem hrs cr
- Natural Science 4 sem hrs cr
- THEA 2011 - Production Practicum 1 sem hr cr
- THEA 2015 - Introduction to Theatre Design 3 sem hrs cr

#### Semester Three - Fall (14 credit hours)

- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr
- THEA 1025 - Stagecraft I 3 sem hrs cr **OR** THEA 2015 - Introduction to Theatre Design 3 sem hrs cr **OR** THEA 2030 - Script Analysis for the Theatre 3 sem hrs cr
- THEA 2011 - Production Practicum 1 sem hr cr

#### Semester Four - Spring (13 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- Theatre electives 7 sem hrs cr

### Associate of Science Degrees (A.S.) University Parallel Major-Area of Emphasis:

#### Accounting (A.S.) TTP

Business and Technology

Associate of Science Degree

Students who plan to pursue a *bachelor's degree* in a business-related field in Accounting are typically designated "pre-business" or "basic business" when they enter the four-year college or



university until they have met the following requirements and have been fully admitted. To be fully admitted, students must complete requirements *similar to the following*:

- Complete all learning support course requirements.
- Complete a minimum of 30 semester hours of degree credits (excluding learning support).
- Achieve at least a 2.25 inclusive GPA on all attempted college-level coursework.
- Complete ACCT 1010 Principles of Accounting I, MATH 1530 Introductory Statistics, ECON 2100 Principles of Macroeconomics and ECON 2200 Principles of Microeconomics with a passing grade and a minimum 2.25 GPA across the four courses.

Although students may take the above courses at Motlow, they still must meet the specific four-year college or university's requirements. *Please consult the catalog of the college or university you plan to attend for specific requirements.*

## GENERAL EDUCATION (41 credit hours)

### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

### Social/Behavioral Sciences (6 Credit Hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

## History (6 credit hours)

### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

## Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Mathematics (3 credit hours)

One of the following:

- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

**(Students transferring to APSU, ETSU, MTSU, TSU, or UTK must take MATH 1630 . Students transferring to TTU, University of Memphis, UTC, or UT Martin must take MATH 1710.)**

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr **(or MATH 2050 - Calculus-Based Prob/Stats - UTK transfers)**
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I 3 sem hrs cr **OR** elective (see notes below)
- INFS 1010 - Computer Applications 3 sem hrs cr
- Any Elective 3 sem hrs cr (ADMN 1313 is suggested)
- Non-Business Elective 1 sem hr cr **(Cannot be ACCT, ADMN, BUSN, CISP, CITC, ECON, or INFS)**

*(Note: BUSN 1305 is an exception to the non-business hour requirement.)*

#### Area of Emphasis Notes for Transferring Students

- Students who plan to transfer to UT Knoxville must complete MATH 2050 - Calculus-Based Prob/Stats.
- MATH 1830 or MATH 1910 is **required** at **ETSU, UTK, University of Memphis, UTC, TSU, and TTU**.
- A calculus course is **not required** at **UT Martin, APSU, or MTSU**. Students transferring to these universities can take a three-hour elective instead of MATH 1830 or MATH 1910 , if preferred.

Semester Hours Credit: 60

**\*Students who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.**

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR MATH 1910 - Calculus I OR Elective** 3 sem hrs cr

### Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Literature 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**OR MATH 2050 - UTK transfers**)

### Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 3 sem hrs cr
- Guided Elective (not business-related) 1 sem hr cr
- History 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 4 sem hrs cr **OR** Elective 3 sem hrs cr

#### Semester Three (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Four (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (7 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Guided Elective (not business-related) 4 sem hrs cr

#### Semester Six (6 credit hours)

- History Sequence 6 sem hrs cr

#### Semester Seven (7 credit hours)

- Natural Science 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or** MATH 2050 for UTK transfers)

### Semester Eight (7 credit hours)

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Nine (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Literature 3 sem hrs cr

### African American Studies (A.S.)

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- General Electives 10 sem hrs cr

And three of the following:

- AAST 2200 - African American Studies 3 sem hrs cr
- ENGL 2055 - African American Literature 3 sem hrs cr
- HIST 2060 - African American History 3 sem hrs cr
- MUS 1035 - History of Jazz 3 sem hrs cr

Semester Hours Credit: 60\*

\*All African American Studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### **Agriculture-Agriculture Business (A.S.) TTP**

Natural Science

Associate of Science Degree

### **Agriculture-Business A.S. Tennessee Transfer Pathway**

The Agriculture-Business A.S. major prepares students for transfer to a four-year institution. Students will gain a basic understanding of the management, marketing, production, and farming of livestock and crops. On-ground courses for this program are currently offered at our Fayetteville campus and can be used as part of the Agricultural Science 2+2 program with Tennessee State University.

### **Practical Experience**

Students will be introduced to the following:

- Critical thinking
- In-depth research and analysis
- Interaction with students and instructors
- Exposure to fascinating coursework, lectures, and classroom interaction

### **Career Opportunities**



Our Associate of Science Degree in Agriculture-Business qualifies you for transfer to any one of Tennessee's four-year college or university programs. Completion of a four-year baccalaureate program prepares you for further study toward a master's degree or higher in Agriculture-Business. Students who hold a higher degree and acquire necessary licensing could anticipate a career in any one of the following areas:

- Agronomist
- Agriculture engineering
- Breeding technician
- Farm equipment sales
- Nursery manager
- Horticulturist

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

##### Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

##### History (6 credit hours)

#### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

#### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 2050 - Calculus-Based Prob/Stats 3 sem hrs cr (*required for students planning to transfer to UTK*)

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- MATH 1830 - Applied Calculus 3 sem hrs cr
- AGRI 1010 - Introduction to Agriculture Business 3 sem hrs cr
- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- Agriculture Electives 3–4 sem hrs cr
- General Electives 0–4 sem hrs cr

Semester Hours Credit: 60\*

\*All agribusiness majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr **OR** MATH 2050 (for students transferring to UTK)
- History Sequence 3 sem hrs cr

#### Semester Two (15 credit hours)

- AGRI 1010 - Introduction to Agriculture Business 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (16 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Agriculture Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Four (14 credit hours)

- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr
- General Elective 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr

#### Semester Two (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics **OR** MATH 2050 - Calculus-Based Prob/Stats 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Three (6 credit hours)

- AGRI 1010 - Introduction to Agriculture Business 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

#### Semester Four (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (7 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Semester Six (9 credit hours)

- Agriculture Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Seven (7 credit hours)

- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

#### Semester Eight (7 credit hours)

- MATH 1830 - Applied Calculus 3 sem hrs cr
- General Elective 4 sem hrs cr

### **Agriculture-Animal Science (A.S.) TTP**

Natural Science

Associate of Science Degree

### **Agriculture-Animal Science A.S. Tennessee Transfer Pathway**

The Agriculture-Animal Science A.S. major prepares students for transfer to a four-year institution. Students will gain a basic understanding of the management, marketing, production, and farming of livestock and crops. On-ground courses for this program are currently offered at our Fayetteville campus and can be used as part of the Agricultural Science 2+2 program with Tennessee State University.

### **Practical Experience**

Students will be introduced to the following:

- Critical thinking
- In-depth research and analysis
- Interaction with students and instructors
- Exposure to fascinating coursework, lectures, and classroom interaction

### **Career Opportunities**

Our Associate of Science Degree in Agriculture-Business qualifies you for transfer to any one of Tennessee's four-year-college or university programs. Completion of a four-year baccalaureate program prepares you for further study toward a master's degree or higher in Agriculture-Business. Students who hold a higher degree and acquire necessary licensing could anticipate a career in any one of the following areas:

- Animal scientist
- Animal geneticist
- Breeding technician
- Farm owner
- Livestock manager

### **GENERAL EDUCATION (41 credit hours)**

#### **Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### **Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavior Sciences (6 credit hours)

**One of the following:**

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 - Principles of Microeconomics

**And one of the following:**

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr

- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

#### Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- Agriculture Electives 3–5 sem hrs cr

Semester Hours Credit: 60\*

\*All animal science majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (13 credit hours)

- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

### Semester Two (16 credit hours)

- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Three (16 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 6 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Four (16 credit hours)

- AGRI 2340 - Farm Animal Diseases 3 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Agriculture Elective 3 sem hrs cr
- Literature 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr

### Semester Two (7 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr



### Semester Three (9 credit hours)

- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics **OR** ECON 2200 - Principles of Microeconomics 3 sem hrs cr

### Semester Four (10 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Five (7 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Six (9 credit hours)

- Humanities/Fine Arts 6 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Seven (10 credit hours)

- AGRI 2340 - Farm Animal Diseases 3 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

### Semester Eight (6 credit hours)

- Agriculture Elective 3 sem hrs cr
- Literature 3 sem hrs cr

### **Bioinformatics (A.S.) (Athens State)**

Natural Science

Associate of Science Degree

### **Bioinformatics A.S. (Athens State)**

The Bioinformatics A.S. is a 2+2 program with Athens State University. The 2+2 program of study leads to the Associate of Science (A.S.) degree, Bioinformatics Emphasis, from Motlow State Community College (MSCC) and a Bachelor of Science (B.S.) degree in Biology – Bioinformatics Option from Athens State University.

Students will be broadly educated in the supporting academic disciplines that contribute to bioinformatics by developing a solid foundation in the principles of computing and biology with

additional coursework in mathematics, chemistry, and advanced courses in computing and biology.

### **Practical Experience**

You will be introduced to the following:

- Critical thinking
- In-depth research and analysis
- Interaction with students and instructors
- Exposure to fascinating coursework, lectures, and classroom interaction

### **Career Opportunities**

Our Associate of Science Degree in Bioinformatics qualifies you for transfer into the 2+2 program with Athens State University. Completion of a four-year baccalaureate program prepares you for further study toward a master's degree or higher. Students who hold a higher degree could anticipate a career in any one of the following areas:

- Hospital research
- Pharmaceutical data
- Data scientist
- Computational biology

## **GENERAL EDUCATION (41-42 credit hours)**

### **Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

### **Humanities/Fine Arts (9 credit hours)**

One of the following:

- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

And one of the following Art courses:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr

And one of the following Literature courses:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr

- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### Social/Behavior Sciences (6 Credit Hours)

##### TWO OF THE FOLLOWING:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### History (6 credit hours)

##### OPTION 1:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

##### **OR**

##### OPTION 2:

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

#### Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

#### Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (20-21 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

- CISP 1010 - Computer Science I 4 sem hrs cr
- CISP 1020 - Computer Science II 4 sem hrs cr (*see notes about CISP 1010/1020 below*)
- IDS 2010 - Applied Biotechnology 1 sem hr cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr **OR HIGHER**

#### Area of Emphasis Notes for Transferring Students

- Organic Chemistry I must be taken at Athens State.
- A placement test for CISP 1010 and CISP 1020 can be taken at Athens at no charge.

Semester Hours Credit: 61-62\*

\*All bioinformatics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (16 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Two (16 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

- MATH 1710 - Precalculus Algebra 3 sem hrs cr

### Semester Three (14 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CISP 1010 - Computer Science I 4 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr

### Semester Four (15 Credit Hours)

- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- CISP 1020 - Computer Science II 4 sem hrs cr
- IDS 2010 - Applied Biotechnology 1 sem hr cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (7 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr

### Semester Two (9 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

### Semester Three (10 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Four (6 credit hours)

- HIST 2020 - Modern United States History 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Five (7 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

#### Semester Six (7 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr

#### Semester Seven (7 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre 3 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

#### Semester Eight (8 credit hours)

- CISP 1020 - Computer Science II 4 sem hrs cr
- IDS 2010 - Applied Biotechnology 1 sem hr cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### **Biology (A.S.) TTP**

Natural Science

Associate of Science Degree

#### **Career Opportunities:**

Our Associates of Science Degree in Biology qualifies you for transfer to any of Tennessee's university programs. Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Industry and Laboratories
- Research Institutions
- Public Health Departments

Pharmacology and Biotechnology

**GENERAL EDUCATION (42 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

\*Prerequisites for this course can be completed in one of the following ways:

- At least four high-school credits in college-preparatory mathematics and a minimum ACT math subject score of 25
- Completion of both MATH 1710 and MATH 1720
- Completion of MATH 1730

AREA OF EMPHASIS REQUIREMENTS (19-20 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr **OR** MATH 1920 - Calculus II 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr



- CHEM 1120 - General Chemistry II 4 sem hrs cr
- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- CHEM 2020 - Organic Chemistry II 4 sem hrs cr

(Note: At UT Knoxville, the math course must be MATH 1920, and the Organic Chem sequence must be CHEM 2010 - Organic Chemistry I and **either** a cell biology course with lab **or** a genetics course with lab.)

Semester Hours Credit: 61-62\*

\*All biology majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

#### Semester Two (14-15 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr **OR** MATH 1920 - Calculus II 4 sem hrs cr

#### Semester Three (16 credit hours)

- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (16 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Two (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three (10 credit hours)

- History Sequence 3 sem hrs cr

- Humanities/Fine Arts 3 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr

Semester Four (10 credit hours)

- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

Semester Five (7 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

Semester Six (8 credit hours)

- CHEM 1120 - General Chemistry II 4 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Semester Seven (7-8 credit hours)

- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr **OR** MATH 1920 - Calculus II 4 sem hrs cr

Semester Eight (7 credit hours)

- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Business Administration (A.S.) TTP**

Business and Technology

Associate of Science Degree

Students who plan to pursue a *bachelor's degree* in a business-related field in Business Administration are typically designated "pre-business" or "basic business" when they enter the four-year college or university until they have met the following requirements and have been fully admitted. To be fully admitted, students must complete requirements *similar to the following*:

- Complete all learning-support course requirements
- Complete a minimum of 30 semester hours of degree credits (excluding learning support)
- Achieve at least a 2.25 inclusive GPA on all attempted college-level coursework

Complete ACCT 1010 Principles of Accounting I, MATH 1530 Introductory Statistics, ECON 2100 Principles of Macroeconomics, and ECON 2200 Principles of Microeconomics with a passing grade and a minimum 2.25 GPA across the four courses

Although students may take the above courses at Motlow, they still must meet the specific four-year college or university's requirements. *Please consult the catalog of the college or university you plan to attend for specific requirements.*

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

##### Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

##### History (6 credit hours)

#### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

(Students transferring to APSU, ETSU, MTSU, TSU or UTK *must* take MATH 1630. Students transferring to TTU, University of Memphis, UTC or UT Martin *must* take MATH 1710.)

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (*Students who plan to transfer to UT Knoxville must complete MATH 2050 - Calculus-Based Prob/Stats instead.*)
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I 3 sem hrs cr **OR** any elective 3 sem hrs cr\*
- INFS 1010 - Computer Applications 3 sem hrs cr
- Any Elective 3 sem hrs cr (*Suggested elective is ADMN 1313 - Spreadsheet Applications.*)
- Non-Business Elective 1 sem hr cr (*Must not be ACCT, ADMN, BUSN (BUSN 1305 - Introduction to Business is an exception to the non-business hour requirement), CISP, CITC, ECON, or INFS.*)

**\*Regarding MATH 1830/1910/elective option:**

*MATH 1830 or MATH 1910 is **required** at ETSU, UTK, University of Memphis, UTC, TSU, and TTU. A calculus course is **not required** at UT Martin, APSU, or MTSU.*

Semester Hours Credit: 60\*

\*All business administration majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I 4 sem hrs cr **OR** Elective 3 sem hrs cr

### Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (or MATH 2050 for UTK transfers)
- Natural Science 4 sem hrs cr

### Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 3 sem hrs cr
- Non-Business Elective 1 sem hr cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 4 sem hrs cr **OR** Elective 3 sem hrs cr

#### Semester Three (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Four (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (7 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Guided Elective (not business-related) 4 sem hrs cr

#### Semester Six (6 credit hours)

- History Sequence 6 sem hrs cr

#### Semester Seven (7 credit hours)

- Natural Science 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or** MATH 2050 for UTK transfers)



### Semester Eight (7 credit hours)

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Nine (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Literature 3 sem hrs cr

### **Chemistry (A.S.) TTP**

Natural Science

Associate of Science Degree

### **Career Opportunities:**

Our Associates of Science Degree in Chemistry qualifies you for transfer to any of Tennessee's university programs. Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Healthcare
- Quality Assurance/Control
- Forensics
- Pharmaceuticals and Biotechnology

### GENERAL EDUCATION (42 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

**History (6 credit hours)**

**OPTION 1**

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

**OR OPTION 2**

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

**Natural Science (8 credit hours)**

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

**Mathematics (4 credit hours)**

- MATH 1910 - Calculus I 4 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (20 credit hours)**

- MATH 1920 - Calculus II 4 sem hrs cr
- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

**Semester Hours Credit: 62\***

\*All chemistry majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**Recommended Full-Time Schedule (Fall or Spring Start)**

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One (14 credit hours)**

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

**Semester Two (17 credit hours)**

- CHEM 1120 - General Chemistry II 4 sem hrs cr

- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (14 credit hours)

- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

#### Semester Four (17 credit hours)

- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Two (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

### Semester Three (10 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

### Semester Four (10 credit hours)

- History Sequence 3 sem hrs cr
- Literature** 3 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

### Semester Five (7 credit hours)

- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Six (8 credit hours)

- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

### Semester Seven (8 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

### Semester Eight (7 credit hours)

- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### **Civil Engineering (A.S.) TTP**

Business & Technology

Associate of Science Degree

### GENERAL EDUCATION (42 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

### Natural Science (8 credit hours)

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

### Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

### AREA OF EMPHASIS REQUIREMENTS (24 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr **OR** MATH 2050 - Calculus-Based Prob/Stats 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGR 2110 - Statics 3 sem hrs cr
- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr

Semester Hours Credit: 66\*

\*All civil engineering majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Additional Information

- Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a university.
- Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Civil Engineering.

Although it is possible to complete the B.S. degree in Civil Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (17 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (Grade of C or higher)
- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two - Spring (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr (Grade of C or higher)
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr **OR** MATH 2050 Calculus-Based Prob/Stats 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three - Fall (17 credit hours)

- ENGR 2110 - Statics 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature** 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

#### Semester Four - Spring (16 credit hours)



- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (16 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (Grade of C or higher)
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two - Fall (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr (Grade of C or higher)
- ENGR 2110 - Statics 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three - Spring (17 credit hours)

- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr **OR** MATH 2050

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

#### Semester Four - Fall (17 credit hours)

- History Sequence 3 sem hrs cr
- Literature** 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (7 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two (7 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (Grade of C or higher)

#### Semester Four (8 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr

**Semester Five (6 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr **OR** MATH 2050 Calculus-Based Prob/Stats

**Semester Six (9 credit hours)**

- History Sequence 6 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Seven (7 credit hours)**

- ENGR 2110 - Statics 3 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

**Semester Eight (10 credit hours)**

- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

**Semester Nine (6 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

**Computer Science (A.S.) TTP**

Business and Technology  
Associate of Science Degree

**GENERAL EDUCATION (42 hours credit)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

**OR OPTION 2**

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

Select one 8-hour sequence from the following:

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

**OR**

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

**OR**

- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr

**OR**

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

*Note: Students planning to transfer to the University of Tennessee, Knoxville must complete PHYS 2110 and PHYS 2120.*

Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- CISP 1020 - Computer Science II 4 sem hrs cr
- CISP 2410 - Assembly and Computer Organization 4 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr

And one of the following:

- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr

- MATH 2120 - Differential Equations 3 sem hrs cr
- MATH 2050 - Calculus-Based Prob/Stats 3 sem hrs cr

*See notes below for specific information about which 2000-level Math course you should take, depending on where you intend to transfer.*

Semester Hours Credit: 61\*

\*All computer science majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Additional Information for Transferring Students

- Students transferring to **UT-Chattanooga** should enroll in Macroeconomics and Microeconomics for the Social/Behavioral Science general education requirement.
- Students transferring to **UT- Knoxville** must complete PHYS 2110, 2120, Calculus-based Physics I & II; students transferring to **UT-Chattanooga** in Computer Engineering concentration must complete PHYS 2110, 2120, Calculus-based Physics I & II.
- The Computer Science major requires completion of MATH 1910: Calculus I, MATH I920: Calculus II and MATH 2010: Introduction to Linear Algebra either at the community college or at the university.
- Students transferring to **MTSU** should not take MATH 2010: Introduction to Linear Algebra but instead take MATH 2050: Calculus Based Probability & Statistics. Students who transfer to **TN Tech** must complete MATH 2010, 2050, 2110, or 2120 as their third math course in the pathway.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (17 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two - Spring (18 credit hours)

- CISP 1020 - Computer Science II 4 sem hrs cr
- CISP 2410 - Assembly and Computer Organization 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr

#### Semester Three - Fall (13 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four - Spring (13 credit hours)

- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 6 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Two - Fall (17 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Three - Spring (15 credit hours)

- CISP 1020 - Computer Science II 4 sem hrs cr
- CISP 2410 - Assembly and Computer Organization 4 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr

### Semester Four - Fall (14 credit hours)

- History Sequence 6 sem hrs cr
- Natural Science Sequence 8 sem hrs cr

*Note: Students following this recommended schedule would take two accelerated courses to complete both in the same fall semester. For example, BIOL 1110 would be taken in the 1st Session (7 weeks), and BIOL 1120 would be taken in the 2nd Session (7 weeks).*

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (7 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Two (7 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr



**Semester Three (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr **(Grade of C or higher)**

**Semester Four (7 credit hours)**

- CISP 1010 - Computer Science I 4 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Five (7 credit hours)**

- CISP 1020 - Computer Science II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr **OR** MATH 2050 Calculus-Based Prob/Stats - 3 sem hrs cr

**Semester Six (6 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr **(Grade of C or higher)**
- Humanities/Fine Arts 3 sem hrs cr

**Semester Seven (6 credit hours)**

- History Sequence 6 sem hrs cr

**Semester Eight (7 credit hours)**

- CISP 2410 - Assembly and Computer Organization 4 sem hrs cr
- Literature 3 sem hrs cr

**Semester Nine (7 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- Natural Sciences 4 sem hrs cr

**Concrete Management (A.S.) (MTSU)**

Business and Technology  
Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr

- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

TWO OF THE FOLLOWING:

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr

And seven (7) credit hours from any of the following courses:

- ACCT 2321 - Intermediate Accounting I 3 sem hrs cr
- ACCT 2331 - Tax Accounting 3 sem hrs cr
- ACCT 2351 - Auditing 3 sem hrs cr
- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- COMM 1020 - Media Writing 3 sem hrs cr
- Any BUSN course**
- Any SPAN course**

- Any ENGR course**
- Any PHYS course**

Semester Hours Credit: 60\*

\*All concrete industry management majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Two (15 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Three (16 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr **OR** CHEM 1120 - General Chemistry II **OR** GEOL 1030 - Survey of Geology
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four - (14 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr **OR** CHEM 1120 - General Chemistry II **OR** GEOL 1030 - Survey of Geology
- Social/Behavioral Sciences 3 sem hrs cr
- Guided Electives 7 sem hrs cr  
(Any of the following: ACCT 2321, ACCT 2331, ACCT 2351, ACCT 2382, COMM 1020 Media Writing, any BUSN, any SPAN, any ENGR, or any PHYS.)

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

#### Semester Four (6 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Semester Five (3 credit hours)**

- History Sequence 3 sem hrs cr

**Semester Six (6 credit hours)**

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

**Semester Seven (6 credit hours)**

- Literature** 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Eight (7 credit hours)**

- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Nine (7 credit hours)**

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Ten (7 credit hours)**

- Guided Electives 7 sem hrs cr  
(Any of the following: ACCT 2321, ACCT 2331, ACCT 2351, ACCT 2382, COMM 1020, any BUSN, any SPAN, any ENGR, any PHYS)

**Criminal Justice Administration (A.S.) TTP**

Social & Behavioral Sciences  
Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (19 credit hours)**

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr



- General Electives 7 sem hrs cr

Semester Hours Credit: 60\*

\*All criminal justice administration majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (15 credit hours)

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

### Semester Two - Spring (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- Elective 1 sem hr cr
- History Sequence 3 sem hrs cr

### Semester Three - Fall (16 credit hours)

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

#### Semester Four - Spring (16 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- Elective 3 sem hrs cr
- Literature** 3 sem hrs cr
- Natural Science 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (15 credit hours)

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two - Fall (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Elective 1 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Three - Spring (16 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr

- Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

#### Semester Four - Fall (16 credit hours)

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Elective 3 sem hrs cr
- Literature** 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall Start)

The following is a recommended **part-time fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Two - Spring (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three - Summer (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Four - Fall (6 credit hours)

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- History Sequence 3 sem hrs cr

**Semester Five - Spring (6 credit hours)**

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- History Sequence 3 sem hrs cr

**Semester Six - Summer (5 credit hours)**

- Elective 1 sem hr cr
- Natural Science 4 sem hrs cr

**Semester Seven - Fall (7 credit hours)**

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight - Spring (6 credit hours)**

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

**Semester Nine - Summer (6 credit hours)**

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Mathematics 3 sem hrs cr

**Semester Ten - Fall (6 credit hours)**

- Elective 6 sem hrs cr

**Recommended Part-Time Schedule (Spring Start)**

The following is a recommended **part-time spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One - Spring (6 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Two - Summer (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

**Semester Three - Fall (6 credit hours)**

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Four - Spring (6 credit hours)**

- History Sequence 3 sem hrs cr
- Literature** 3 sem hrs cr

**Semester Five - Summer (6 credit hours)**

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- History Sequence 3 sem hrs cr

**Semester Six - Fall (7 credit hours)**

- CRMJ 2010 - Introduction to Law Enforcement 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Seven - Spring (7 credit hours)**

- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight - Summer (6 credit hours)**

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- Elective 3 sem hrs cr

**Semester Nine - Fall (7 credit hours)**

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Mathematics 3 sem hrs cr

- Elective 1 sem hr cr

#### Semester Ten - Spring (6 credit hours)

- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- Elective 3 sem hrs cr

#### Distilled Spirits (A.S.)

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr

And one of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

##### Social and Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

##### History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

##### Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1010 - Math for General Studies 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 2340 - Human Resource Management 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

Semester Hours Credit: 60

**\*Students who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.**

Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (16 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre

Semester Two (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

- ENGL 1020 - English Composition II 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

Semester Three (15 credit hours)

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

Semester Four (13 credit hours)

- BIOL 2230 - Microbiology 4 sem hrs cr
- BUSN 2340 - Human Resource Management 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

**Early Childhood Education (A.S.) (Tenn State University)**

Curriculum is based on and aligns with Tennessee State University Bachelor's Degree in Family and Consumer Sciences: Child Development and Family Relations.

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

And one of the following:

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr



- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1010 - Math for General Studies 3 sem hrs cr

Natural Science (8 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr

Social and Behavioral Science (12 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

**Note: POLS 1030 is the preferred course; previously earned credit in an approved general education course will be considered for possible substitution.**

AREA OF EMPHASIS REQUIREMENTS (21 credit hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- ECED 2370 - Developmental Assessment 3 sem hrs cr
- ECED 2390 - Creative Development 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr

And one of the following:

- ECED 2360 - Development of Exceptional Children 3 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr

Semester Hours Credit: 62\*

\*All early childhood education majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

## Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - (16 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

### Semester Two - (15 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

### Semester Three - (15 credit hours)

- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr
- ECED 2360 - Development of Exceptional Children 3 sem hrs cr **OR** EDU 2100 - Exceptional Child Development
- ECED 2370 - Developmental Assessment 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr

### Semester Four - (16 credit hours)

- ECED 2390 - Creative Development 3 sem hrs cr

- ENGL 2130 - Topics in American Literature 3 sem hrs cr **OR** ENGL 2235 - Topics in British Literature **OR** ENGL 2310 - Early World Literature **OR** ENGL 2320 - Modern World Literature **OR** ENGL 2330 - Topics in World Literature
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - (15 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

### Semester Two - (16 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr

### Semester Three - (16 credit hours)

- ECED 2370 - Developmental Assessment 3 sem hrs cr
- ECED 2390 - Creative Development 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr **OR** ENGL 2235 - Topics in British Literature **OR** ENGL 2310 - Early World Literature **OR** ENGL 2320 - Modern World Literature **OR** ENGL 2330 - Topics in World Literature
- GEOL 1030 - Survey of Geology 4 sem hrs cr

- HIST 2020 - Modern United States History 3 sem hrs cr

Semester Four - (15 credit hours)

- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr
- ECED 2360 - Development of Exceptional Children 3 sem hrs cr **OR** EDU 2100 - Exceptional Child Development
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

**Economics (A.S.) TTP**

Business and Technology  
Associate of Science Degree

This pathway is designed for transfer as an Economics Major, B.S., B.B.A., or B.S.B.A. degrees, in Colleges or Schools of Business at any public university in Tennessee.

Students who intend to transfer into the Economics Major, B.S. Degree, in the College of Liberal Arts at Middle Tennessee State University OR the College of Arts at the University of Tennessee, Chattanooga should **NOT** take the ACCT 1010 Principles of Accounting I and ACCT 1020 Principles of Accounting II sequence. Such students should consult their advisor or the Economics department at the university to which they intend to transfer for guidance on elective choices.

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

**(Students transferring to APSU, ETSU, MTSU, TSU or UT Knoxville must take MATH 1630. Students transferring to TTU, University of Memphis, UT Chattanooga or UT Martin must take MATH 1710.)**

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr **(OR MATH 2050 - UTK transfers)**
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I 3 sem cr hrs **OR** elective (see notes below)
- INFS 1010 - Computer Applications 3 sem hrs cr
- Any Elective 3 sem hrs cr (ADMN 1313 is suggested)
- Non-Business Elective 1 sem hr cr **(Cannot be ACCT, ADMN, BUSN, CISP, CITC, ECON, or INFS.)**

*(Note: BUSN 1305 is an exception to the non-business hour requirement.)*

#### Area of Emphasis Notes for Transferring Students

- Students who plan to transfer to UT Knoxville's College of Business must complete MATH 2050 - Calculus-Based Prob/Stats.
- MATH 1830 or MATH 1910 is **required** at **ETSU, UTK, University of Memphis, UTC, TSU, and TTU**.
- A calculus course is **not required** at **UT Martin, APSU, or MTSU**. Students transferring to these universities can take a three-hour elective instead of MATH 1830 or MATH 1910, if preferred.

Semester Hours Credit: 60\*

\*All economics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr (**Grade of C or higher**)
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of C or higher**)
- Literature** 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 **OR** Elective

#### Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or MATH 2050 - UTK transfers**)
- Natural Science 4 sem hrs cr

#### Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Guided Elective 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 4 sem hrs cr **OR** Elective 3 sem hrs cr

#### Semester Three (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr



**Semester Four (6 credit hours)**

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Five (7 credit hours)**

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Guided Elective (not business-related) 4 sem hrs cr

**Semester Six (6 credit hours)**

- History Sequence 6 sem hrs cr

**Semester Seven (7 credit hours)**

- Natural Science 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or** MATH 2050 for UTK transfers)

**Semester Eight (7 credit hours)**

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Nine (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Literature 3 sem hrs cr

**Electrical Engineering (A.S.) TTP**

Business and Technology  
Associate of Science Degree

**GENERAL EDUCATION (42 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr

- HIST 2320 - Modern World History 3 sem hrs cr

#### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

#### Natural Science (8 credit hours)

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

#### Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (26 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- CISP 1010 - Computer Science I 4 sem hrs cr
- ENGR 2130 - Circuits I 4 sem hrs cr

Semester Hours Credit: 68\*

\*All electrical engineering majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Additional Information for Transferring Students

- Students are encouraged to take two additional courses, Circuits II and Digital Design, before transferring to a university.
- Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Electrical Engineering.
- Although it is possible to complete the B.S. Degree in Electrical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.

**Tennessee Technology University** is now requiring Electrical Engineering students to have a "C" or higher in all engineering courses. All students should contact their transfer institution to ensure all university-specific requirements are met.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (17 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Two - Spring (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of "C" or better**)
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Three - Fall (17 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

### Semester Four - Fall (18 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr

- ENGR 2130 - Circuits I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (16 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Art 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two - Fall (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three - Spring (17 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature** 3 sem hrs cr

#### Semester Four - Fall (19 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- ENGR 2130 - Circuits I 4 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (7 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two (7 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)

#### Semester Four (8 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CISP 1010 - Computer Science I 4 sem hrs cr

#### Semester Five (7 credit hours)

- ENGR 2130 - Circuits I 4 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr

Semester Six (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr

Semester Seven (7 credit hours)

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- History Sequence 3 sem hrs cr

Semester Eight (7 credit hours)

- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

Semester Nine (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Literature** 3 sem hrs cr

Semester Ten (7 credit hours)

- MATH 2110 - Calculus III 4 sem hrs cr
- History Sequence 3 sem hrs cr

**Elementary Education (A.S.) (Athens State)**

Education

Associate of Science Degree

**Elementary Education, K-6 Emphasis Curriculum based on Athens State University, Athens, AL**

Major Code 13.1202

The student who plans to transfer to a university and pursue licensure in pre-kindergarten-4 should conform their program of study to curricula in effect at that institution. The following program of study is designed to be consistent with the Elementary Education K-6 program in effect at Athens State University. The student planning to transfer to a university within the Tennessee Board of Regents system and pursue Elementary Education K-6 licensure should pursue the Associate of Science in Teaching degree. Additional information is available in the office of the Department of Education.

GENERAL EDUCATION (41 credit hours)

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

And two of the following Literature courses:

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Natural Science (8 credit hours)**

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

**History (6 credit hours)**

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr



## AREA OF EMPHASIS REQUIREMENTS (22 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr
- General Electives 5 sem hrs cr

Semester Hours Credit: 63\*

\*All education majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### **NOTE:**

Students working toward teacher licensure are *strongly encouraged* to take the Praxis Core Academic Skills for Educators before transfer to a four-year college or university. Successful completion of the test is prerequisite to admissions to many Teacher Education programs.

## Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (15 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies **OR** MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- General Elective 2 sem hrs cr

### Semester Two - Spring (16 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- General Elective 3 sem hrs cr

### Semester Three - Fall (16 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music 3 sem hrs cr
- Literature 3 sem hrs cr
- GEOL 1030 - Survey of Geology 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr

### Semester Four - Spring (16 credit hours)

- Literature 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (16 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

### Semester Two - Fall (16 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1010 - Math for General Studies **OR** MATH 1530 - Introductory Statistics 3 sem hrs cr
- General Elective 3 sem hrs cr

### Semester Three - Spring (16 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- Literature 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr

### Semester Four - Fall (15-16 credit hours)

- Literature 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr
- General Elective 2-3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr **OR** MATH 1530 Introductory Statistics

### Semester Two (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

**Semester Three (7 credit hours)**

- BIOL 1110 - General Biology I 4 sem hrs cr
- General Elective 3 sem hrs cr

**Semester Four (7 credit hours)**

- BIOL 1120 - General Biology II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Semester Five (8 credit hours)**

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- General Elective 2 sem hrs cr
- Literature 3 sem hrs cr

**Semester Six (10 credit hours)**

- GEOL 1030 - Survey of Geology 4 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music

**Semester Seven (6 credit hours)**

- HIST 2010 - Early United States History 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Eight (7 credit hours)**

- HIST 2020 - Modern United States History 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**Semester Nine (6 credit hours)**

- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

## **Elementary Education (A.S.) (Lipscomb)**

University Parallel Major

Education

Associate of Science Degree

Elementary Education, K-6

**This program is based on and aligns with David Lipscomb University's Bachelor of Science degree in Education.**

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

- ENGL 2130 - Topics in American Literature 3 sem hrs cr

One of the following World Literature classes:

- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr

And one of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1010 - Math for General Studies 3 sem hrs cr

Natural Science (8 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

### Social/Behavioral Sciences (6 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr

And one of the following:

- POLS 1030 - American Government 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### AREA OF EMPHASIS REQUIREMENTS (22 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- EDUC 2210 - Educational Psychology 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

Semester Hours Credit: 63\*

\*All education majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (16 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

- SOCI 1010 - Introduction to Sociology **OR** POLS 1030 - American Government 3 sem hrs cr

#### Semester Two - Spring (16 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Three - Fall (15 credit hours)

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

#### Semester Four - Spring (16 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- ENGL 2310 - Early World Literature **OR** ENGL 2320 - Modern World Literature 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

- GEOL 1030 - Survey of Geology 4 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology **OR** POLS 1030 - American Government 3 sem hrs cr

#### Semester Two - Fall (16 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Three - Spring (16 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Semester Four - Fall (15 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music 3 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- ENGL 2310 - Early World Literature **OR** ENGL 2320 - Modern World Literature 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)



- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

Semester Two (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr **OR** POLS 1030 American Government

Semester Three (10 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 Introduction to Music
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

Semester Four (7 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr

Semester Five (9 credit hours)

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

Semester Six (9 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr

Semester Seven (6 credit hours)

- ENGL 2310 - Early World Literature 3 sem hrs cr **OR** ENGL 2320 Modern World Literature
- HIST 2010 - Early United States History 3 sem hrs cr

Semester Eight (7 credit hours)

- HIST 2020 - Modern United States History 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

### **Family and Consumer Science (A.S.) TTP**

#### Education

#### Associate of Science Degree

The Family and Consumer Science program is a good choice for students interested in helping others improve their lives. It is a broad program rather than a specialized one. The courses in the program prepare students to work in various capacities to assist the well-being of others. The degree can transfer into a university towards a university degree.

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

One of the following:

- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

One of the following:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr

##### Social/Behavioral Sciences (6 credit hours)

One of the following:

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

*Note: Students who intend to transfer to UTK should replace the history with six hours of non-U.S. history. Options include HIST 2030, HIST 2310, and HIST 2320.*

Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

(If transferring to a university, choose a sequence)

Two of the following:

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- BIOL 1430 - Nutrition 3 sem hrs cr
- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- General Electives (must be 2000-level) 7 sem hrs cr

#### *Recommendations for General Electives:*

- BUSN 2350 - Organizational Behavior
- ECON 2100 - Principles of Macroeconomics **OR** ECON 2200 - Principles of Microeconomics
- EDU 2100 - Exceptional Child Development
- HPE 2340 - Wellness Perspectives and Lifestyles
- IDS 2990 - Independent Study in Interdisciplinary Studies
- POLS 2025 - State and Local Government
- SOCI 2010 - Marriage and Family
- BIOL 2010 - Human Anatomy and Physiology I (*for students transferring to University of Tennessee, Martin*)

Semester Hours Credit: 60\*

\*All family and consumer science majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (16 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- General Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Two (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (15 credit hours)

- BIOL 1430 - Nutrition 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- History 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Four (13 credit hours)

- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- General Elective 4 sem hrs cr
- History 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (10 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Two (9 credit hours)**

- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 3 sem hrs cr

**Semester Three (9 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Humanities/Fine Arts - 3 sem hrs cr

**Semester Four (7 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Five (9 credit hours)**

- BIOL 1430 - Nutrition 3 sem hrs cr
- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Six (7 credit hours)**

- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- History 3 sem hrs cr
- General Elective 1 sem hr cr

**Semester Seven (9 credit hours)**

- General Elective 3 sem hrs cr
- History 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Fermentation (A.S.)**

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1710 - Precalculus Algebra 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (20 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr
- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- CHEM 2020 - Organic Chemistry II 4 sem hrs cr

Semester Hours Credit: 61\*

\*Students who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.



## **Finance (A.S.) TTP**

Business and Technology  
Associate of Science Degree

Students who plan to pursue a *bachelor's degree* in a business-related field in Finance are typically designated "pre-business" or "basic business" when they enter the four-year college or university until they have met the following requirements and have been fully admitted. To be fully admitted, students must complete requirements *similar to the following*:

- Complete all learning-support course requirements
- Complete a minimum of 30 semester hours of degree credits (excluding learning support)
- Achieve at least a 2.25 inclusive GPA on all attempted college-level coursework
- Complete ACCT 1010 Principles of Accounting I, MATH 1530 Introductory Statistics, ECON 2100 Principles of Macroeconomics, and ECON 2200 Principles of Microeconomics with a passing grade and a minimum 2.25 GPA across the four courses

Although students may take the above courses at Motlow, they still must meet the specific four-year college or university requirements. *Please consult the catalog of the college or university you plan to attend for specific requirements.*

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr

- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

*(Students transferring to UT Knoxville must complete MATH 2050 - Calculus-Based Prob/Stats.)*

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra *(see notes below for institution-specific requirements)*
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I 4 sem hrs cr **OR** elective *(see notes below for institution-specific requirements)*
- INFS 1010 - Computer Applications 3 sem hrs cr
- Any Elective 3 sem hrs cr (ADMN 1313 is suggested)
- Non-Business Elective 1 sem hr cr **(Cannot be ACCT, ADMN, BUSN, CISP, CITC, ECON, or INFS.)**

*(Note: BUSN 1305 is an exception to the non-business hour requirement.)*

#### Area of Emphasis Notes for Transferring Students

- Students transferring to **ETSU, MTSU, or UTK** should take MATH 1630; students transferring to **TSU, TTU, University of Memphis, UTC, or UTM** should take MATH 1710.
- Students who plan to transfer to **UTK's** College of Business must complete MATH 2050.
- MATH 1830 or MATH 1910 is **required** at **ETSU, UTK, University of Memphis, UTC, TSU, and TTU**.
- A calculus course is **not required** at **UT Martin, APSU, or MTSU**. Students transferring to these universities can take a three-hour elective instead of MATH 1830 or MATH 1910, if preferred.

## Semester Hours Credit: 60\*

\*All finance majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of "C" or better**)
- Literature 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I **OR** Elective 3 sem hrs cr

#### Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or MATH 2050 - UTK transfers**)
- Natural Science 4 sem hrs cr

#### Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 3 sem hrs cr
- Guided Elective 1 sem hr cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 4 sem hrs cr **OR** Elective 3 sem hrs cr

#### Semester Three (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Four (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (7 credit hours)

ACCT 1020 - Principles of Accounting II 3 sem hrs cr

Guided Elective (not business-related) 4 sem hrs cr

Semester Six (6 credit hours)

History Sequence 6 sem hrs cr

Semester Seven (7 credit hours)

Natural Science 4 sem hrs cr

MATH 1530 - Introductory Statistics 3 sem hrs cr (or MATH 2050 for UTK transfers)

Semester Eight (7 credit hours)

ECON 2200 - Principles of Microeconomics 3 sem hrs cr

Natural Science 4 sem hrs cr

Semester Nine (6 credit hours)

COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Literature 3 sem hrs cr

**General Studies (Track 1) (A.S.)**

Humanities

**Track 1 - Tennessee Board of Regents**

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

ENGL 1010 - English Composition I 3 sem hrs cr

ENGL 1020 - English Composition II 3 sem hrs cr

COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

ART 1035 - Introduction to Art 3 sem hrs cr

ART 2000 - Art History Survey I 3 sem hrs cr

ART 2020 - Art History Survey II 3 sem hrs cr

- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3-4 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr



## AREA OF EMPHASIS REQUIREMENTS (18-19 credit hours)

- General Electives 18–19 sem hrs cr

*Note: If you take a three-hour math course, you must take 19 hours of general electives. If you take a four-hour math course, you must take 18 hours of general electives.*

Semester Hours Credit: 60\*

\*All general studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### **Additional Notes:**

- MATH 1710 and MATH 1720 are required courses for students lacking the background to start with MATH 1910. Completion of this requirement will be verified by the mathematics faculty and the individual advisor.
- Students who are planning to pursue licensure in secondary education at MTSU or TTU should take EDUC 2210 and *either* EDU 1110 *or* EDU 1120 (*both of which are offered via TN eCampus*) as prerequisites for admission to teacher education programs.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 3 sem hrs cr

### Semester Two (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 3 sem hrs cr

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Three (15 credit hours)**

- General Electives 6 sem hrs cr
- Literature 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Four (13 credit hours)**

- General Electives 10 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**General Studies (Track 2) (A.S.)**

Humanities

**Track 2 - University of Tennessee System**

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**History (6 credit hours)**

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

**Three of the following:**

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr

- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Mathematics (3-4 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (18-19 credit hours)

- General Electives 15-16 sem hrs cr

One of the following:

- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr

Area of Emphasis Notes for Transferring Students

- If you take a three-hour math course, you must take 15 hours of general electives. If you take a four-hour math course, you will need 14 hours of general electives.
- Students should consult the appropriate University of Tennessee (Knoxville, Chattanooga, or Martin) program of study which they wish to enter at the university for the appropriate mathematics course. Courses to be transferred *must* be completed with a grade of "C" or above.
- MATH 1710 and MATH 1720 are required courses for students lacking the background to start with MATH 1910. This requirement will be verified by the mathematics faculty and the individual advisor.
- MATH 1910 can fulfill **either** the gen-ed math requirement **or** the area of emphasis requirement. It cannot count for both.

Semester Hours Credit: 60

\*All general studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- General Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Two (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Three (15 credit hours)

- HIST 2310 - Early World History 3 sem hrs cr
- General Electives 6 sem hrs cr
- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Four (13 credit hours)

- HIST 2320 - Modern World History 3 sem hrs cr
- General Elective 3-4 sem hrs cr
- Mathematics 3-4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### **Health Sciences (A.S.)**

Nursing and Allied Health  
Associate of Science Degree

#### **Program Description**

The Health Sciences degree at Motlow provides a program of study for students who want to pursue a career in health care. Some students enter this program and then, if accepted, transfer into a nursing program or an allied health program.

During the program of study, students will be introduced to the:

- Language of health care
- Structure and functions of the human body
- Development of microorganisms
- Concepts of health and illness
- Behavioral and mental processes
- And other dynamic and interesting coursework that prepares students for a career in health care

#### **Practical Experience**

Students will be engaged in learning through:

- hands-on lab opportunities
- critical thinking
- interaction with students and instructors
- exposure to challenging coursework, lectures, and classroom interaction

#### **Career Opportunities**

This concentration in Health Sciences is representative of the courses many nursing and allied health programs require for admission. Please consult the specific requirements of the college or university you plan to attend as each institution's requirements differ. Nursing and allied health programs are highly competitive. Completing this concentration does not guarantee acceptance into any specific program.

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### History (6 credit hours)

###### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

###### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr

- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

**Natural Science (8 Credit Hours)**

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

**Social/Behavioral Sciences (6 Credit Hours)**

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

And one of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1040 - Abnormal Psychology 3 sem hrs cr
- PSYC 2014 - Psychology of Human Sexuality 3 sem cr hrs
- PSYC 2120 - Social Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (19 Credit Hours)**

- BIOL 2230 - Microbiology 4 sem hrs cr



- CHEM 1110 - General Chemistry I 4 sem hrs cr **OR** CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- NRSB 1370 - Medical Terminology for Healthcare Professionals 3 sem hrs cr  
**OR** MLAB 1301 - Intro to Medical Lab Technology 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- General Electives 5 sem hrs cr

SEMESTER HOURS CREDIT: 60\*

\*All health sciences majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTE:**

**Students who intend to apply for the Nursing Program should complete NRSB 1370 and CHEM 1110.**

**Students who intend to apply for the Medical Laboratory Technology Program should complete MLAB 1301 or CHEM 1010 (or higher).**

Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (16 Credit Hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra
- NRSB 1370 - Medical Terminology for Healthcare Professionals 3 sem hrs cr  
**OR** MLAB 1301 - Intro to Medical Lab Technology 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

Semester Two (16 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Three (13 credit hours)**

- BIOL 2230 - Microbiology 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Four (15 credit hours)**

- CHEM 1110 - General Chemistry I 4 sem hrs cr **OR** CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- Electives 5 sem hrs cr
- History Sequence 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs

**History (A.S.) TTP**

Social & Behavioral Sciences  
Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**History (6 credit hours)**

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr

- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

#### Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (19 credit hours)**

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr
- General Electives 10 sem hrs cr

**Semester Hours Credit: 60\***

\*All history majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 Credit Hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Elective 3 sem hrs cr

#### Semester Two (15 Credit Hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr
- Elective 3 sem hrs cr

#### Semester Three (16 Credit Hours)

- HIST 2310 - Early World History 3 sem hrs cr
- Literature 3 sem hrs cr
- Elective 3 sem hr cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (14 Credit Hours)

- HIST 2320 - Modern World History 3 sem hrs cr

- Humanities/Fine Arts 3 sem hrs cr
- Elective 1 sem hr cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Two (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Elective 3 sem hrs cr

#### Semester Four (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

#### Semester Five (6 credit hours)

- HIST 2030 - Tennessee History 3 sem hrs cr
- Elective 3 sem hrs cr

#### Semester Six (6 credit hours)

- Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Seven (7 credit hours)**

- HIST 2310 - Early World History 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight (6 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Nine (7 credit hours)**

- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Ten (4 credit hours)**

- HIST 2320 - Modern World History 3 sem hrs cr
- Elective 1 sem hr cr

**Information Systems (A.S.) TTP**

Business and Technology  
Associate of Science Degree

Students who plan to pursue a *bachelor's degree* in a business-related field in Information Systems are typically designated "pre-business" or "basic business" when they enter the four-year college or university until they have met the following requirements and have been fully admitted. To be fully admitted, students must complete requirements *similar to the following*:

- Complete all learning-support course requirements
- Complete a minimum of 30 semester hours of degree credits (excluding learning support)
- Achieve at least a 2.25 inclusive GPA on all attempted college-level coursework
- Complete ACCT 1010 Principles of Accounting I, MATH 1530 Introductory Statistics, ECON 2100 Principles of Macroeconomics, and ECON 2200 Principles of Microeconomics with a passing grade and a minimum 2.25 GPA across the four courses

Although students may take the above courses at Motlow, they still must meet the specific four-year college or university requirements. *Please consult the catalog of the college or university you plan to attend for specific requirements.*

**GENERAL EDUCATION (41 credit hours)**

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1630 - Finite Mathematics 3 sem hrs cr



## Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr

- MATH 1530 - Introductory Statistics 3 sem hrs cr (**Students who plan to transfer to the University of Tennessee must complete MATH 2050 - Calculus-Based Prob/Stats instead of MATH 1530.**)
- MATH 1830 - Applied Calculus 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- General Electives 4 sem hrs cr

#### Area of Emphasis Notes for Transferring Students

- Students who plan to transfer to the University of Tennessee must complete MATH 2050 - Calculus-Based Prob/Stats instead of MATH 1530.
- Students who **plan to transfer to APSU, ETSU, or UTC** should take CISP 1010 - Computer Science I and CISP 1020 - Computer Science II instead of INFS 1010. These courses can count for 3 hours of the Guided Electives for these students.
- Students who are **not transferring to APSU, ETSU, or UTC** can take any three-hour class for the Guided Electives. The other one credit hour must not be earned from ACCT, ADMN, BUSN, CISP, CITC, ECON, or INFS courses. (Note that BUSN 1305 is an exception.)

Semester Hours Credit: 60\*

\*All information systems majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr

Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**MATH 2050 - UTK transfers**)
- Natural Science 4 sem hrs cr

Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Guided Elective (non-business) 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr

Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr

MATH 1830 - Applied Calculus 3 sem hrs cr

Semester Three (9 credit hours)

ENGL 1020 - English Composition II 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

INFS 1010 - Computer Applications 3 sem hrs cr

Semester Four (6 credit hours)

ACCT 1010 - Principles of Accounting I 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

Semester Five (7 credit hours)

ACCT 1020 - Principles of Accounting II 3 sem hrs cr

Guided Elective (non-business) 4 sem hrs cr

Semester Six (6 credit hours)

History Sequence 6 sem hrs cr

Semester Seven (7 credit hours)

MATH 1530 - Introductory Statistics 3 sem hrs cr **(MATH 2050 - UTK transfers)**

Natural Science 4 sem hrs cr

Semester Eight (7 credit hours)

ECON 2200 - Principles of Microeconomics 3 sem hrs cr

Natural Science 4 sem hrs cr

Semester Nine (6 credit hours)

COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Literature 3 sem hrs cr

**Management (A.S.) TTP**

Business and Technology

Associate of Science Degree

Students who plan to pursue a *bachelor's degree* in a business-related field in Management are typically designated "pre-business" or "basic business" when they enter the four-year college or

university until they have met the following requirements and have been fully admitted. To be fully admitted, students must complete requirements *similar to the following*:

- Complete all learning-support course requirements
- Complete a minimum of 30 semester hours of degree credits (excluding learning support)
- Achieve at least a 2.25 inclusive GPA on all attempted college-level coursework
- Complete ACCT 1010 Principles of Accounting I, MATH 1530 Introductory Statistics, ECON 2100 Principles of Macroeconomics, and ECON 2200 Principles of Microeconomics with a passing grade and a minimum 2.25 GPA across the four courses

Although students may take the above courses at Motlow, they still must meet the specific four-year college or university requirements. *Please consult the catalog of the college or university you plan to attend for specific requirements.*

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### History (6 credit hours)

###### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

###### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr

- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr (**Students transferring to UT Knoxville must complete MATH 2050 - Calculus-Based Prob/Stats.**)

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra (see notes below)
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I **OR** Elective 3 sem hrs cr (see notes below)
- INFS 1010 - Computer Applications 3 sem hrs cr
- Any Elective 3 sem hrs cr (ADMN 1313 is suggested)
- Non-Business Elective 1 sem hr cr (**Cannot be ACCT, ADMN, BUSN, CISP, CITC, ECON, or INFS**)

*(Note: BUSN 1305 is an exception to the non-business hour requirement.)*

Area of Emphasis Notes for Transferring Students

- Students transferring to **UT Knoxville** should complete MATH 2050 - Calculus-Based Prob/Stats instead of MATH 1530.
- Students transferring to **APSU, ETSU, MTSU, TSU, or UTK** should take MATH 1630. Students transferring to **TTU, University of Memphis, UTC, or UT Martin** should take MATH 1710.
- MATH 1830 or MATH 1910 is **required** at **ETSU, UTK, University of Memphis, UTC, TSU, and TTU**.
- A calculus course is **not required** at **UT Martin, APSU, or MTSU**. Students transferring to these universities can take a three-hour elective instead of MATH 1830 or MATH 1910, if preferred.

Semester Hours Credit: 60\*

\*All management majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

## Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra
- Humanities/Fine Arts 3 sem hrs cr

### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr or Elective

### Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or MATH 2050 - UTK transfers**)
- Natural Science 4 sem hrs cr

### Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 3 sem hrs cr
- Guided Elective (non-business) 1 sem hr cr
- History Sequence 3 sem hrs cr



- Natural Science 4 sem hrs cr

### Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 4 sem hrs cr **OR** Elective 3 sem hrs cr

#### Semester Three (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Four (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (7 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Guided Elective (not business-related) 4 sem hrs cr

#### Semester Six (6 credit hours)

- History Sequence 6 sem hrs cr

### Semester Seven (7 credit hours)

- Natural Science 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (or MATH 2050 for UTK transfers)

### Semester Eight (7 credit hours)

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Nine (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Literature 3 sem hrs cr

### **Marketing (A.S.) TTP**

Business and Technology

Associate of Science Degree

Students who plan to pursue a *bachelor's degree* in a business-related field in Marketing are typically designated "pre-business" or "basic business" when they enter the four-year college or university until they have met the following requirements and have been fully admitted. To be fully admitted, students must complete requirements *similar to the following*:

- Complete all learning-support course requirements
- Complete a minimum of 30 semester hours of degree credits (excluding learning support)
- Achieve at least a 2.25 inclusive GPA on all attempted college-level coursework
- Complete ACCT 1010 Principles of Accounting I, MATH 1530 Introductory Statistics, ECON 2100 Principles of Macroeconomics, and ECON 2200 Principles of Microeconomics with a passing grade and a minimum 2.25 GPA across the four courses

Although students may take the above courses at Motlow, they still must meet the specific four-year college or university requirements. *Please consult the catalog of the college or university you plan to attend for specific requirements.*

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

**(Students transferring to UT Knoxville must complete MATH 2050 - Calculus-Based Prob/Stats.)**

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra (see notes below)
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 - Calculus I **OR** Elective 3 sem hrs cr (see notes below)
- INFS 1010 - Computer Applications 3 sem hrs cr
- Any Elective 3 sem hrs cr (ADMN 1313 is suggested)

- Non-Business Elective 1 sem hr cr (**Cannot be ACCT, ADMN, BUSN, CISP, CITC, ECON, or INFS.**)

*(Note: BUSN 1305 is an exception to the non-business hour requirement.)*

#### Area of Emphasis Notes for Transferring Students

- Students transferring to UT Knoxville should complete MATH 2050 instead of MATH 1530.
- Students transferring to **APSU, ETSU, MTSU, TSU, or UTK** should take MATH 1630. Students transferring to **TTU, University of Memphis, UTC, or UT Martin** should take MATH 1710.
- MATH 1830 or MATH 1910 is **required** at **ETSU, UTK, University of Memphis, UTC, TSU, and TTU.**
- A calculus course is **not required** at **UT Martin, APSU, or MTSU.** Students transferring to these universities can take a three-hour elective instead of MATH 1830 or MATH 1910, if preferred.

Semester Hours Credit: 60\*

\*All marketing majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr (**Grade of "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr or Elective

#### Semester Three (16 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Literature 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr (**or MATH 2050 - UTK transfers**)
- Natural Science 4 sem hrs cr

#### Semester Four (14 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 3 sem hrs cr
- Guided Elective (non-business) 1 sem hr cr
- History Sequence 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr

MATH 1830 - Applied Calculus 3 sem hrs cr **OR** MATH 1910 4 sem hrs cr **OR** Elective 3 sem hrs cr

**Semester Three (9 credit hours)**

ENGL 1020 - English Composition II 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

INFS 1010 - Computer Applications 3 sem hrs cr

**Semester Four (6 credit hours)**

ACCT 1010 - Principles of Accounting I 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

**Semester Five (7 credit hours)**

ACCT 1020 - Principles of Accounting II 3 sem hrs cr

Guided Elective (not business-related) 4 sem hrs cr

**Semester Six (6 credit hours)**

History Sequence 6 sem hrs cr

**Semester Seven (7 credit hours)**

Natural Science 4 sem hrs cr

MATH 1530 - Introductory Statistics 3 sem hrs cr (**or** MATH 2050 for UTK transfers)

**Semester Eight (7 credit hours)**

ECON 2200 - Principles of Microeconomics 3 sem hrs cr

Natural Science 4 sem hrs cr

**Semester Nine (6 credit hours)**

COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Literature 3 sem hrs cr

**Mass Communications (A.S.) TTP**

Humanities

Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**History (6 credit hours)**

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:



- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (19 credit hours)**

- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- COMM 1020 - Media Writing 3 sem hrs cr
- COMM 1030 - Introduction to Electronic Media 3 sem hrs cr
- COMM 2500 - Survey of New Media 3 sem hrs cr
- General Electives 7 sem hr cr (*must be outside Mass Comm subject area*)

**Semester Hours Credit: 60\***

\*All mass communications majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Please note: Practicum courses are excluded as acceptable electives.*

**Recommended Full-Time Schedule (Fall or Spring Start)**

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One (15 credit hours)**

- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

**Semester Two (15 credit hours)**

- COMM 1020 - Media Writing 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

**Semester Three (16 credit hours)**

- COMM 1030 - Introduction to Electronic Media 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

**Semester Four (14 credit hours)**

- COMM 2500 - Survey of New Media 3 sem hrs cr
- General Electives 7 sem hrs cr
- Natural Science 4 sem hrs cr

**Mathematics (A.S.) TTP**

Mathematics

Associate of Science Degree

**GENERAL EDUCATION (42 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

**Three of the following:**

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

**Two of the following:**

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

**History (6 credit hours)**

**OPTION 1**

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (18 credit hours)

MATH 1920 - Calculus II 4 sem hrs cr

MATH 2110 - Calculus III 4 sem hrs cr

MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr

MATH 2120 - Differential Equations 3 sem hrs cr

General Elective 1 sem hr cr

CISP 1032 - C++ Programming 3 sem hrs cr

Semester Hours Credit: 60\*

\*All mathematics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Note: Transferring students who wish to pursue a concentration in actuarial science available at the **University of Tennessee, Chattanooga; Middle Tennessee State University; or Tennessee State University** should complete ECON 2100 - Principles of Macroeconomics and ECON 2200 - Principles of Microeconomics to fulfill the requirement in Social/Behavioral Sciences.*

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

*For Students Having Met the Prerequisites for Calculus I*

Semester One (16 credit hours)

CISP 1032 3 sem hrs cr

ENGL 1010 3 sem hrs cr

History Sequence 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

MATH 1910 4 sem hrs cr

**Semester Two (16 credit hours)**

- COMM 2025 3 sem hrs cr
- ENGL 1020 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1920 4 sem hrs cr
- MATH 2010 3 sem hrs cr

**Semester Three (14 credit hours)**

- Social/Behavioral Sciences 3 sem hrs cr (*Students transferring as Actuarial Science Majors should take ECON 2100.*)
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- MATH 2110 4 sem hrs cr

**Semester Four (14 credit hours)**

- Social/Behavioral Sciences 3 sem hrs cr (*Students transferring as Actuarial Science Majors should take ECON 2200.*)
- Elective 1 sem hr cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- MATH 2120 3 sem hrs cr

*For Students Ineligible for Calculus I & Requiring LS Math*

**Semester One (12 credit hours)**

- ENGL 1010 3 sem hrs cr
- MATH 0810 3 sem hrs cr
- MATH 1003 3 sem hrs cr
- MSCC 1300 3 sem hrs cr

**Semester Two (12 credit hours)**

- ENGL 1020 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1710 3 sem hrs cr
- MATH 1720 3 sem hrs cr

**Semester Three (13 credit hours)**

- COMM 2025 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1910 4 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

Semester Four (13 credit hours)

Literature 3 sem hrs cr

MATH 1920 4 sem hrs cr

MATH 2010 3 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

Semester Five (14 credit hours)

CISP 1032 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

MATH 2110 4 sem hrs cr

Natural Science 4 sem hrs cr

Semester Six (12 credit hours)

Elective 2 sem hrs cr

History Sequence 3 sem hrs cr

MATH 2120 3 sem hrs cr

Natural Science 4 sem hrs cr

*For Students Ineligible for Calculus I but Not Requiring LS Math*

Semester One (12 credit hours)

ENGL 1010 3 sem hrs cr

History Sequence 3 sem hrs cr

MATH 1710 3 sem hrs cr

MATH 1720 3 sem hrs cr

Semester Two (13 credit hours)

ENGL 1020 3 sem hrs cr

History Sequence 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

MATH 1910 4 sem hrs cr

Semester Three (13 credit hours)

Literature 3 sem hrs cr

MATH 1920 4 sem hrs cr

MATH 2010 3 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

Semester Four (14 credit hours)



- COMM 2025 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 2110 4 sem hrs cr
- Natural Science 4 sem hrs cr

Semester Five (13 credit hours)

- CISP 1032 3 sem hrs cr
- MATH 2120 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Science 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

*For Students Having Met the Prerequisites for Calculus I*

Semester One (6 credit hours)

- ENGL 1010 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

Semester Two (7 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1910 4 sem hrs cr

Semester Three (6 credit hours)

- CISP 1032 3 sem hrs cr
- ENGL 1020 3 sem hrs cr

Semester Four (7 credit hours)

- COMM 2025 3 sem hrs cr
- MATH 1920 4 sem hrs cr

Semester Five (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 2010 3 sem hrs cr

Semester Six (7 credit hours)

Social/Behavioral Science 3 sem hrs cr (*Students transferring as Actuarial Science Majors should take ECON 2100.*)

MATH 2110 4 sem hrs cr

Semester Seven (7 credit hours)

Humanities/Fine Arts 3 sem hrs cr

Natural Science 4 sem hrs cr

Semester Eight (6 credit hours)

Social/Behavioral Science 3 sem hrs cr (*Students transferring as Actuarial Science Majors should take ECON 2200.*)

MATH 2120 3 sem hrs cr

Semester Nine (8 credit hours)

Literature 3 sem hrs cr

Natural Science 4 sem hrs cr

Elective 1 sem hr cr

*For Students Ineligible for Calculus I & Requiring LS Math*

Semester One (6 credit hours)

MATH 0810 3 sem hrs cr

MATH 1003 3 sem hrs cr

Semester Two (6 credit hours)

ENGL 1010 3 sem hrs cr

History Sequence 3 sem hrs cr

Semester Three (6 credit hours)

ENGL 1020 3 sem hrs cr

MATH 1710 3 sem hrs cr

Semester Four (7 credit hours)

COMM 2025 3 sem hrs cr

MATH 1720 3 sem hrs cr

Semester Five (7 credit hours)

History Sequence 3 sem hrs cr

MATH 1910 4 sem hrs cr

Semester Six (7 credit hours)

Social/Behavioral Sciences 3 sem hrs cr

MATH 1920 4 sem hrs cr

Semester Seven (7 credit hours)

Humanities/Fine Arts 3 sem hrs cr

Natural Science 4 sem hrs cr

Semester Eight (6 credit hours)

MATH 2010 3 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

Semester Nine (7 credit hours)

Natural Science 4 sem hrs cr

CISP 1032 3 sem hrs cr

Semester Ten (6 credit hours)

Humanities/Fine Arts 3 sem hrs cr

MATH 2110 4 sem hrs cr

Semester Eleven (6 credit hours)

Literature 3 sem hrs cr

MATH 2120 3 sem hrs cr

*For Students Ineligible for Calculus I but Not Requiring LS Math*

Semester One (8 credit hours)

ENGL 1010 3 sem hrs cr

MATH 1730 5 sem hrs cr

Note: To be eligible for MATH 1730, students must have an ACT Math score of 21 or higher. Students who do not meet this requirement must instead take *both MATH 1710 and MATH 1720* (6 sem hrs cr TOTAL).

Semester Two (7 credit hours)

History Sequence 3 sem hrs cr

MATH 1910 4 sem hrs cr

Semester Three (6 credit hours)

CISP 1032 3 sem hrs cr

ENGL 1020 3 sem hrs cr

Semester Four (7 credit hours)

COMM 2025 3 sem hrs cr

MATH 1920 4 sem hrs cr

Semester Five (6 credit hours)

History Sequence 3 sem hrs cr

MATH 2010 3 sem hrs cr

Semester Six (7 credit hours)

- MATH 2110 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

Semester Seven (7 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

Semester Eight (6 credit hours)

- MATH 2120 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

Semester Nine (7 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

Semester Ten (3 credit hours)

- Literature 3 sem hrs cr

### **Mechanical Engineering (A.S.) TTP**

Business and Technology

Associate of Science Degree

GENERAL EDUCATION (42 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr

- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

Mathematics (4 credit hours)

MATH 1910 - Calculus I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (24 credit hours)

MATH 1920 - Calculus II 4 sem hrs cr

MATH 2110 - Calculus III 4 sem hrs cr

MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr

MATH 2120 - Differential Equations 3 sem hrs cr

CHEM 1110 - General Chemistry I 4 sem hrs cr

ENGR 2110 - Statics 3 sem hrs cr

ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr

Semester Hours Credit: 66\*

\*All mechanical engineering majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

Additional Information

**Students are strongly encouraged to complete a course in Mechanics of Materials, also known as Strength of Materials, before transferring to a university.**

**Courses in engineering technology do not fulfill any of the requirements for the Area of Emphasis in Mechanical Engineering.**

**Although it is possible to complete the B.S. Degree in Mechanical Engineering in four semesters after earning the associate's degree, students typically need five or six semesters to complete requirements.**

Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One - Fall (17 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade of "C" or higher**)
- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two - Spring (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three - Fall (17 credit hours)

- ENGR 2110 - Statics 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

#### Semester Four - Spring (16 credit hours)

- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (16 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr (**Grade "C" or higher**)
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Two - Fall (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- ENGR 2110 - Statics 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Three - Spring (17 credit hours)

- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

### Semester Four - Fall (17 credit hours)

- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.



GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (7 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Two (7 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr **(Grade of "C" or higher)**

#### Semester Four (7 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGR 2110 - Statics 3 sem hrs cr

#### Semester Five (6 credit hours)

- ENGR 2120 - Dynamics (Particles and Rigid Bodies) 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr

#### Semester Six (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr **(Grade of "C" or higher)**
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Seven (7 credit hours)

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Eight (7 credit hours)

- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr

#### Semester Nine (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Ten (7 credit hours)

- MATH 2110 - Calculus III 4 sem hrs cr
- History Sequence 3 sem hrs cr

### **Physics (A.S.) TTP**

Natural Science

Associate of Science Degree

#### **Career Opportunities:**

Our Associate of Science Degree in Physics qualifies you for transfer to any of Tennessee's university programs. Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Engineering
- Medical Instrumentation
- Architecture
- Electronics

#### GENERAL EDUCATION (42 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

### Natural Science (8 credit hours)

- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

### Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

### AREA OF EMPHASIS REQUIREMENTS (18 credit hours)

- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- General Elective 1 sem hr cr
- CISP 1032 - C++ Programming 3 sem hrs cr **OR** CITC 1314 - Java Programming I

Semester Hours Credit: 60\*

\*All physics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (16 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- History Sequence 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- Social/Behavioral Sciences 3 sem cr hrs

### Semester Two (16 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem cr hrs
- CISP 1032 - C++ Programming 3 sem hrs cr **OR** CITC 1314 - Java Programming I

### Semester Three (14 credit hours)

- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Four (14 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- Literature 3 sem hrs cr
- Elective 1 sem hr cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (10 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

### Semester Two (7 credit hours)

ENGL 1020 - English Composition II 3 sem hrs cr

MATH 1920 - Calculus II 4 sem hrs cr

**Semester Three (10 credit hours)**

PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr

History Sequence 3 sem hrs cr

Humanities/Fine Arts 3 sem hrs cr

**Semester Four (7 credit hours)**

PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

History Sequence 3 sem hrs cr

**Semester Five (6 credit hours)**

MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

**Semester Six (7 credit hours)**

COMM 2025 - Fundamentals of Communication 3 sem hrs cr

MATH 2110 - Calculus III 4 sem hrs cr

**Semester Seven (6 credit hours)**

CISP 1032 - C++ Programming 3 sem hrs cr **OR** CITC 1314 - Java Programming I

MATH 2120 - Differential Equations 3 sem hrs cr

**Semester Eight (7 credit hours)**

Elective 1 sem hr cr

Literature 3 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

**Political Science (A.S.) TTP**

Social & Behavioral Sciences

Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr

And one of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr



- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (19 credit hours)**

- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- General Electives 13 sem hrs cr

Semester Hours Credit: 60\*

\*All political science majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTES FOR TRANSFERRING STUDENTS:**

Students should confer with their advisor or a representative of the university to which they intend to transfer to determine the recommended history courses. Students who intend to transfer to **UTK** should take 6 credit hours of a non-U.S. History sequence to fulfill the history requirements. **UTC** requires that one of the History courses be U.S. History.

**Recommended Full-Time Schedule (Fall or Spring Start)**

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One (15 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

### Semester Two (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- Elective 1 sem hr cr
- History Sequence 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

### Semester Three (16 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- Electives 6 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

### Semester Four (16 credit hours)

- Electives 6 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Two (6 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

POLS 1030 - American Government 3 sem hrs cr

Semester Three (6 credit hours)

ENGL 1020 - English Composition II 3 sem hrs cr

History Sequence 3 sem hrs cr

Semester Four (6 credit hours)

COMM 2025 - Fundamentals of Communication 3 sem hrs cr

POLS 2025 - State and Local Government 3 sem hrs cr

Semester Five (6 credit hours)

Elective 3 sem hrs cr

History Sequence 3 sem hrs cr

Semester Six (6 credit hours)

ECON 2100 - Principles of Macroeconomics 3 sem hrs cr

Elective 3 sem hrs cr

Semester Seven (7 credit hours)

Elective 3 sem hrs cr

Natural Science 4 sem hrs cr

Semester Eight (6 credit hours)

Humanities/Fine Arts 3 sem hrs cr

Social/Behavioral Sciences 3 sem hrs cr

Semester Nine (7 credit hours)

Literature 3 sem hrs cr

Natural Science 4 sem hrs cr

Semester Ten (4 credit hours)

Elective 4 sem hrs cr

**Pre-Clinical Lab Sciences (A.S.) TTP**

Natural Science

Associate of Science Degree

## **Pre-Clinical Lab Sciences (A.S.) TTP**

Our Associates of Science Degree in Pre-Clinical Lab Sciences qualifies you for transfer to any of Tennessee's university programs.

### **Practical Experience**

Students will be introduced to the following:

- Critical thinking
- In-depth research and analysis
- Interaction with students and instructors
- Exposure to fascinating coursework, lectures, and classroom interaction

### **Career Opportunities**

Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Microbiology
- Clinical Chemistry
- Immunology
- Hematology

### **GENERAL EDUCATION (41 credit hours)**

#### **Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### **Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr

- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr **OR** SOCI 1040 - Social Problems

Natural Science (8 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr \*

Mathematics (3 credit hours)

- MATH 1710 - Precalculus Algebra 3 sem hrs cr

History (6 credit hours)

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (20 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr

Semester Hours Credit: 61\*

\*All pre-clinical lab sciences majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

## **ADDITIONAL INFORMATION:**

UTHSC requires a BIOL 1110/BIOL 1120 sequence; one can be substituted for BIOL 2020 - Human Anatomy and Physiology II.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (14 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (15 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr (*Program-specific course*)
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three (16 credit hours)

- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- History 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (16 credit hours)

- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- History 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three (10 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr

#### Semester Four (7 credit hours)

- History Sequence 3 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

#### Semester Five (7 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr

- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Six (7 credit hours)

- CHEM 1120 - General Chemistry II 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Seven (8 credit hours)

- BIOL 2230 - Microbiology 4 sem hrs cr
- CHEM 2010 - Organic Chemistry I 4 sem hrs cr

#### Semester Eight (7 credit hours)

- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- Literature 3 sem hrs cr

### **Pre-Health Professions (A.S.) (Dentistry, Medicine, Optometry, Pharmacy, Veterinary Medicine) TTP**

Natural Science

Associate of Science Degree

#### **Career Opportunities:**

Our Associate of Science Degree in Pre-Health Professions qualifies you for transfer to any of Tennessee's university programs. Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Medicine
- Dentistry
- Pharmacy
- Optometry

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*



Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

## OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1830 - Applied Calculus 3 sem hrs cr or higher (*prerequisites required: a minimum of ACT mathematics subject score of 25 or MATH 1630 or MATH 1710 or MATH 1730*)

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- General Electives 3 sem hrs cr

**And choose two of the following three sequences (for a total of 16 credit hours):**

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
  
- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
  
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr

Semester Hours Credit: 60\*

\*All pre-health professions majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (14 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Elective 3 sem hrs cr

#### Semester Two (14 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr

#### Semester Three (16 credit hours)

- CHEM 2010 - Organic Chemistry I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (16 credit hours)

- CHEM 2020 - Organic Chemistry II 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr or higher

**Semester Two (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

**Semester Three (10 credit hours)**

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr

**Semester Four (7 credit hours)**

- History Sequence 3 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

**Semester Five (7 credit hours)**

- BIOL 1110/CHEM 2010/PHYS 2010 Sequence 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Six (7 credit hours)**

- BIOL 1120/CHEM 2020/PHYS 2020 Sequence 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Seven (7 credit hours)**

- BIOL 1110/CHEM 2010/PHYS 2010 Sequence 4 sem hrs cr
- Elective 3 sem hrs cr

**Semester Eight (7 credit hours)**

- BIOL 1120/CHEM 2020/PHYS 2020 Sequence 4 sem hrs cr
- Literature 3 sem hrs cr

**Pre-Law (A.S.)**

Social & Behavioral Sciences  
Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (18-19 credit hours)**

- SOCI 1040 - Social Problems 3 sem hrs cr
- General Electives 3-4 sem hrs cr

One of the following Criminal Justice Electives:

- CRMJ 1010 - Introduction to Criminal Justice 3 sem hrs cr
- CRMJ 1020 - Introduction to the Legal Process 3 sem hrs cr
- CRMJ 2020 - Introduction to Corrections 3 sem hrs cr
- CRMJ 2120 - The Juvenile Justice System 3 sem hrs cr
- CRMJ 2400 - Introduction to Criminology 3 sem hrs cr

Three of the following Guided Electives:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

*Note: The same course cannot be used twice to meet degree requirements.*

Semester Hours Credit: 60\*

\*All pre-law majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15-16 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- General Elective 3-4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (16 credit hours)

- SOCI 1040 - Social Problems 3 sem hrs cr



- Guided Elective 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (13 credit hours)

- Criminal Justice Elective 3 sem hrs cr
- Guided Electives 6 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Two (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Three (4 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Elective 1 sem hr cr

#### Semester Four (6 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Five (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Six (6 credit hours)**

- Guided Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Seven (7 credit hours)**

- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight (6 credit hours)**

- SOCI 1040 - Social Problems 3 sem hrs cr
- Criminal Justice Elective 3 sem hrs cr

**Semester Nine (7 credit hours)**

- Guided Elective 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Ten (6 credit hours)**

- General Elective 3 sem hrs cr
- Guided Elective 3 sem hrs cr

**Pre-Occupational Therapy (A.S.) TTP**

Natural Science

Associate of Science Degree

**Career Opportunities:**

Our Associate of Science Degree in Pre-Occupational Therapy qualifies you for transfer to any of Tennessee's university programs. Our program will improve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Home Health
- Rehabilitation Centers
- Schools
- Hospitals

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

And one of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr

Semester Hours Credit: 60\*

\*All pre-occupational therapy majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

*Additional Information: Contact a faculty advisor at Motlow State Community College to verify prerequisite courses required by transfer institution.*

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (14 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Two (13 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Three (17 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Four (16 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

#### Semester Three (10 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Four (7 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Five (7 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr

#### Semester Six (7 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

- Social/Behavioral Sciences 3 sem hrs cr

Semester Seven (7 credit hours)

- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

Semester Eight (7 credit hours)

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- Literature 3 sem hrs cr

**Pre-Physical Therapy (A.S.) TTP**

Natural Science

Associate of Science Degree

Career Opportunities:

Our Associate of Science Degree in Pre-Physical Therapy qualifies you for transfer to any of Tennessee's university program. Our programs will approve your communication, writing, research, and critical-thinking skills. Career paths are possible in the following fields:

- Home Health
- Rehabilitation Centers
- Schools
- Hospitals

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

And one of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

History (6 credit hours)

OPTION 1



- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr **or higher**

And choose *two* of the following three sequences (a total of 16 credit hours):

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr

- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr

Semester Hours Credit: 60\*

\*All pre-physical therapy majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (13 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Two (14 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Three (16 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Four (15 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr

- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

Semester Two (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr

Semester Three (10 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

Semester Four (7 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- History Sequence 3 sem hrs cr

Semester Five (7 credit hours)

- BIOL 2010/CHEM 1110/PHYS 2010 Sequence 4 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr

Semester Six (7 credit hours)

- BIOL 2020/CHEM 1120/PHYS 2020** Sequence 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

Semester Seven (7 credit hours)

- BIOL 2010/CHEM 1110/PHYS 2010** Sequence 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

Semester Eight (7 credit hours)

- BIOL 2020 /CHEM 1120/PHYS 2020** Sequence 4 sem hrs cr
- Literature 3 sem hrs cr

**Psychology (A.S.) TTP**

Social & Behavioral Sciences

Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- PSYC 2120 - Social Psychology 3 sem hrs cr
- General Electives 10 sem hrs cr

Semester Hours Credit: 60\*

\*All psychology majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Two (13 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- General Electives 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (16 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- General Elective 3 sem hrs cr
- PSYC 2120 - Social Psychology 3 sem hrs cr
- Literature 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (16 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- General Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

## Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

### Semester Two (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

### Semester Four (6 credit hours)

- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Five (6 credit hours)

- Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

### Semester Six (7 credit hours)

- BIOL 1110 - General Biology I 4 sem hrs cr
- Elective 3 sem hrs cr

### Semester Seven (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr

- PSYC 2120 - Social Psychology 3 sem hrs cr

Semester Eight (6 credit hours)

- Literature 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs

Semester Nine (5 credit hours)

- BIOL 1120 - General Biology II 4 sem hrs cr
- Elective 1 sem hr cr

Semester Ten (6 credit hours)

- Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Social Work (A.S.) TTP**

Social & Behavioral Sciences

Associate of Science Degree

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr



- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

**AREA OF EMPHASIS REQUIREMENTS (19 credit hours)**

- SWRK 2010 - Introduction to Social Work 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- General Electives 7 sem hrs cr

One of the following:

- SOCI 1040 - Social Problems 3 sem hrs cr
- SWRK 2030 - Introduction to Social Welfare and Policy 3 sem hrs cr
- SWRK 2045 - Introduction to Counseling 3 sem hrs cr

And one of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

**Semester Hours Credit: 60\***

\*All social work majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTE:** *Any student planning to attend the University of Tennessee, Knoxville should take SWRK 2030 - Introduction to Social Welfare and Policy to complete the Area of Emphasis requirements.*

**Recommended Full-Time Schedule (Fall or Spring Start)**

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- History Sequence 3 sem hrs cr

#### Semester Two (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr **OR** SWRK 2030 - Introduction to Social Welfare and Policy 3 sem hrs cr **OR** SWRK 2045 - Introduction to Counseling 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (16 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- SWRK 2010 - Introduction to Social Work 3 sem hrs cr (*Spring only*)
- Elective 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Four (14 credit hours)

- Electives 4 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

#### Semester Two (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

#### Semester Four (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Five (6 credit hours)

- History Sequence 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr **OR** SWRK 2030 - Introduction to Social Welfare and Policy 3 sem hrs cr **OR** SWRK 2045 - Introduction to Counseling 3 sem hrs cr

#### Semester Six (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- SWRK 2010 - Introduction to Social Work 3 sem hrs cr

#### Semester Seven (7 credit hours)

- Natural Science 4 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

**Semester Eight (6 credit hours)**

- Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Nine (5 credit hours)**

- Elective 1 sem hr cr
- Natural Science 4 sem hrs cr

**Semester Ten (6 credit hours)**

- Elective 3 sem hrs cr
- Literature 3 sem hrs cr

**Sociology (A.S.) TTP**

Social & Behavioral Sciences

Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr

- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- Sociology Elective\* 3 sem hrs cr
- General Electives 10 sem hrs cr

*\*Universities will determine whether the sociology elective course counts towards requirements of the sociology major or as elective credit applied to the requirements of the baccalaureate degree.*

Semester Hours Credit: 60\*

\*All sociology majors who are required to take Learning Support must also complete MSCC 1300 First-Year Experience.

## Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Two (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Three (16 credit hours)

- Elective 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- Sociology Elective 3 sem hrs cr

### Semester Four (14 credit hours)

- Elective 4 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr



## Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

### Semester Two (6 credit hours)

- History Sequence 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

### Semester Three (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

### Semester Four (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr

### Semester Five (6 credit hours)

- Elective 3 sem hrs cr
- History Sequence 3 sem hrs cr

### Semester Six (7 credit hours)

- Humanities/Fine Arts - 3 sem hrs cr
- Natural Science - 4 sem hrs cr

### Semester Seven (6 credit hours)

- Social/Behavioral Sciences 3 sem hrs cr
- Sociology Elective 3 sem hrs cr

**Semester Eight (6 credit hours)**

- Elective 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Nine (5 credit hours)**

- Natural Science 4 sem hrs cr
- Elective 1 sem hr cr

**Semester Ten (6 credit hours)**

- Elective 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Speech and Theatre (A.S.)**

Humanities

Associate of Science Degree

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

**Three of the following:**

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr

- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- THEA 2020 - Children's Drama 3 sem hrs cr

General Elective 4 sem hrs cr

Semester Hours Credit: 60\*

\*All speech and theatre majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTE:**

Students who are planning to pursue licensure in secondary education at MTSU or TTU should take EDUC 1010 and EDUC 2210 as prerequisites for admission to teacher education programs.

**Sport & Leisure Management (A.S.) TTP**

Business and Technology

Associate of Science Degree

GENERAL EDUCATION (41 credit hours)

Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr

- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- HPE 2000 - Foundations of Physical Education 3 sem hrs cr
- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- General Electives 4 sem hrs cr

Semester Hours Credit: 60\*

\*All sport & leisure majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (15 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr

- MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Two (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HPE 2000 - Foundations of Physical Education 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Three (13 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Four (17 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr



**Semester Two (6 credit hours)**

- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- MATH 1830 - Applied Calculus 3 sem hrs cr **OR Elective**

**Semester Three (6 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Four (6 credit hours)**

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Five (7 credit hours)**

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- Elective 4 sem hrs cr

**Semester Six (6 credit hours)**

- History Sequence 6 sem hrs cr

**Semester Seven (7 credit hours)**

- HPE 2000 - Foundations of Physical Education 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Eight (7 credit hours)**

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Nine (6 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Ten (3 credit hours)**

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

## Theatre Arts (A.S.) TTP

### GENERAL EDUCATION (41 credit hours)

#### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (9 credit hours)

- THEA 1030 - Introduction to Theatre 3 sem hrs cr

#### **And two of the following (one must be Literature):**

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr

#### Social/Behavioral Sciences (6 credit hours)

#### Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr

- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- THEA 1015 - Acting I 3 sem hrs cr
- THEA 1025 - Stagecraft I 3 sem hrs cr **OR** THEA 2015 - Introduction to Theatre Design 3 sem hrs cr
- Theatre Electives\* 3 to 7 sem hrs cr
- General Electives 6 to 10 sem hrs cr

\*NOTE: Theatre history courses cannot fulfill theatre elective requirements, per the Tennessee Transfer Pathway.

Semester Hours Credit: 60\*\*

\*\*All theatre arts majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (15 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- Math 3 sem hrs cr
- History 3 sem hrs cr
- THEA 1015 - Acting I 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

#### Semester Two - Spring (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- History 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- THEA 1025 - Stagecraft I 3 sem hrs cr **OR** THEA 2015 - Introduction to Theatre Design 3 sem hrs cr

#### Semester Three - Fall (16 credit hours)

- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- Theatre electives 3 sem hrs cr
- General electives 3 sem hrs cr

#### Semester Four - Spring (14 credit hours)

- Theatre electives 4 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- General electives 3 sem hrs cr

### Associate of Science in Teaching Degree (A.S.T.) - Area of Emphasis:

#### Early Childhood Education (Pre K-3) (A.S.T.) TTP

Early Childhood Education (Pre K-3)

Associate of Science in Teaching

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most Tennessee public universities is prescribed.

Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the A.S.T. must satisfy the following:

- Attainment of a cumulative 2.75 grade point average
- Successful completion of the PRAXIS Core Academic Skills for Educators (or a composite score of 21 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the re-centered SAT)
- Achievement of satisfactory rating on an index of suitability for the teaching profession
- Achievement of "C" or better in ENGL 1010 and ENGL 1020 and in each of the Mathematics (MATH) and Education (EDU) courses in the curriculum

Students transferring to a university may need to meet additional requirements to gain admittance to the university's early childhood program. Transferring students should check with the university for specific program requirements.

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### History (6 credit hours)

###### OPTION 1

- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

###### OR OPTION 2

Two of the following, taken in any order:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

**Note: For transfer to APSU, ETSU, UM, UTC, and UTK, MATH 1530 is required. At UTM and TSU, college algebra is required.**

Natural Science (8 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr

And one of the following:

- BIOL 1510 - Environmental Science I 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

## Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

## AREA OF EMPHASIS REQUIREMENTS (21 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- ECED 2360 - Development of Exceptional Children 3 sem hrs cr **OR** EDU 2100 Exceptional Child Development *[See Notes for Transferring Students below for more information.]*
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr

## Area of Emphasis Notes for Transferring Students

- Neither **UM** or **UTK** includes ECED 2360 in its PreK–3 curriculum; students intending to transfer to **UM** or **UTK** will have to take one other course after transfer.
- Students who plan to transfer to **UTK** should take an intermediate foreign language instead of MATH 1410.
- UM** does not require completion of MATH 1410.
- Students who plan to transfer to **ETSU** should take EDUC 2210 - Educational Psychology instead of MATH 1420.



Students who plan to transfer to **MTSU** must take ECED 2360.

Semester Hours Credit: 62\*

\*All early childhood education (Pre K-3) majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (16 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two (16 credit hours)

- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

#### Semester Three (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr **OR** ECED 2360 Development of Exceptional Children

- History Sequence 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (15 credit hours)

- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- Literature 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (9 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Four (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

Semester Five (10 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- History Sequence 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

Semester Six (6 credit hours)

- ECED 2320 - Infant, Toddler, Child Development 3 sem hrs cr
- History Sequence 3 sem hrs cr

Semester Seven (6 credit hours)

- ECED 2360 - Development of Exceptional Children 3 sem hrs cr **OR** EDU 2100  
Exceptional Child Development
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

Semester Eight (7 credit hours)

- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- Natural Science 4 sem hrs cr

Semester Nine (6 credit hours)

- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- Literature** 3 sem hrs cr

**Elementary Education (K-5) (A.S.T.) TTP**

Elementary Education (K-5)

**Associate of Science In Teaching Degree**

Elementary Education, K-5 Emphasis

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most Tennessee public universities is prescribed.

Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the AST must satisfy the following:

- Attainment of a cumulative 2.75 grade point average

- Successful completion of the PRAXIS Core Academic Skills for Educators (or a composite score of 21 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the recentered SAT)
- Achievement of satisfactory rating on an index of suitability for the teaching profession
- Achievement of "C" or better in ENGL 1010 and ENGL 1020 and in each of the Mathematics (MATH) and Education (EDU) courses in the curriculum

\* Students who obtain a "C" or higher in the EDU/EDUC courses in the Motlow curriculum and meet all other requirements qualify for the AST degree; however, students who plan to transfer into the Teacher Education Program at MTSU must obtain a "B" or higher in the EDU/EDUC courses in the Motlow curriculum for acceptance into the MTSU Teacher Education Program.

Tennessee Technological University offers a 2 + 2 program in the K-5 Emphasis with all junior- and senior-level classes located at the Motlow College Moore County campus. For more information, contact the Department Lead of the Education Department.

Students transferring to a university may need to meet additional requirements to gain admittance to the university's early childhood program. Transferring students should check with the university for specific program requirements.

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr

- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

History (6 credit hours)

Two of the following:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

*Note: Students who plan to transfer to UTC must take one World History course.*

Social/Behavioral Sciences (6 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

Mathematics (3 credit hours)

*Students intending to transfer to UTC must take MATH 1530; UTM must take an Algebra Math.*

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

**(Note: BIOL 1010 cannot be paired with BIOL 1110 or BIOL 1120.)**

One of the following Biology courses:

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr

- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr

And one of the following:

- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- EDUC 2210 - Educational Psychology 3 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr (**OR** GEOL 1030, if not chosen to fulfill Natural Science gen ed)

Semester Hours Credit: 60\*

\*All teaching majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (16 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Biology course 4 sem hrs cr
- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music 3 sem hrs cr

### Semester Two - Spring (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr
- ART 2000 - Art History Survey I **OR** ART 2020 - Art History Survey II **OR** THEA 1030 - Introduction to Theatre 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- Non-Biology Natural Science course 4 sem hrs cr

### Semester Three - Fall (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- EDU 2100 - Exceptional Child Development **OR** ECED 2360 - Development of Exceptional Children 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- History 3 sem hrs cr
- Literature 3 sem hrs cr

### Semester Four - Spring (16 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science **OR** GEOL 1030 - Survey of Geology 4 sem hrs cr
- History 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (15 credit hours)

- ART 1035 - Introduction to Art **OR** MUS 1030 - Introduction to Music 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology **OR** POLS 1030 - American Government 3 sem hrs cr

### Semester Two - Fall (16 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr

### Semester Three - Spring (16 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

### Semester Four - Fall (13 credit hours)

- BIOL 1510 - Environmental Science I **OR** GEOL 1030 - Survey of Geology 4 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- Literature 3 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.



GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (10 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Biology course** 4 sem hrs cr

#### Semester Two (9 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Three (6 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Four (10 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- History 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Five (9 credit hours)

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- Literature 3 sem hrs cr

#### Semester Six (10 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr
- History 3 sem hrs cr

#### Semester Seven (6 credit hours)

- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

**Secondary Education - English (A.S.T.) TTP**

Secondary Education - English  
Associate of Science in Teaching

Students who wish to teach at the secondary level will generally major in their discipline area and minor in education. Students should check with the university to which they intend to transfer in case there are additional requirements needed for admittance to the program there.

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most Tennessee public universities is prescribed.

Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the A.S.T. must satisfy the following:

- Attainment of a cumulative 2.75 grade point average
- Successful completion of the PRAXIS Core Academic Skills for Educators (or a composite score of 21 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the re-centered SAT)
- Achievement of satisfactory rating on an index of suitability for the teaching profession
- Achievement of "C" or better in ENGL 1010 and ENGL 1020 and in each of the Education (EDU) courses in the curriculum

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

*At least one course (three credit hours) must be in Literature.*

Three of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

And one of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr

History (6 credit hours)

*See "Area of Emphasis Notes for Transferring Students" below for more information on specific history requirements at four-year universities.*

Two of the following:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

Mathematics (3 credit hours)

- MATH 1010 - Math for General Studies 3 sem hrs cr

- MATH 1530 - Introductory Statistics 3 sem hrs cr (**required for UTC transfers**)
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

*BIOL 1010 - Introduction to Biology cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.*

*Additionally, CHEM 1010 - Introduction to Chemistry cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.*

*(Unless otherwise noted, a sequence is not required.)*

Two of the following:

- ASTR 1010 - Solar System Astronomy 4 sem hrs cr
- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1010 - Introduction to Chemistry 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

*Be sure to read "Area of Emphasis Notes for Transferring Students" below.*

- Foreign Language Sequence (one year in a single language) 6 sem hrs cr
- General Elective 1 sem hr cr

- EDUC 1010 - Introduction to Education 3 sem hrs cr

One of the following:

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- EDUC 2210 - Educational Psychology 3 sem hrs cr

And choose two of the following Literature courses:

- ENGL 2110 - Early American Literature 3 sem hrs cr
- ENGL 2120 - Modern American Literature 3 sem hrs cr
- ENGL 2220 - Modern British Literature 3 sem hrs cr

#### AREA OF EMPHASIS Notes for Transferring Students

- Students should check with their advisor or a representative of the university to which they intend to transfer to determine the recommended history courses. Students who intend to transfer to **UTK** should take six credit hours of a **non-U.S. history sequence** to fulfill the history requirements. **UTC** requires that one of the history courses be **U.S. history**.
- Students who intend to transfer to UTC should take MATH 1530.
- Students who intend to transfer to **MTSU**, **TSU**, **ETSU**, or **UTK** in secondary education should follow the English A.A./A.S. TTP and *not the A.S.T. TTP*. ETSU and UTK recommend, and MTSU requires, that students take education courses after transfer.
- Students should confer with a representative of the university to which they intend to transfer to determine the recommended literature course. A sequence is recommended.
- Students who intend to take the PRAXIS exam should take MATH 1420 to prepare.

Semester Hours Credit: 60\*

\*All secondary education English majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One (16 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Two (14 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Elective 1 sem hr cr
- Humanities/Fine Arts 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Three (15 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- Literature (Gen Ed requirement) 3 sem hrs cr
- History 3 sem hrs cr

#### Semester Four (15 credit hours)

- ENGL 2110 OR ENGL 2120 OR ENGL 2220 (choose two) 6 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- History 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (10 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Two (7 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- Elective 1 sem hr cr

**Semester Three (9 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

**Semester Four (10 credit hours)**

- Humanities/Fine Arts 3 sem hrs cr
- Literature (Gen Ed) 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Five (9 credit hours)**

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- Foreign Language Sequence - 3 sem hrs cr
- History - 3 sem hrs cr

**Semester Six (9 credit hours)**

- ENGL 2110 OR ENGL 2120 OR ENGL 2220 **(choose one)** 3 sem hrs cr
- Foreign Language Sequence 3 sem hrs cr
- History 3 sem hrs cr

**Semester Seven (6 credit hours)**

- ENGL 2110 OR ENGL 2120 OR ENGL 2220 **(choose one)** 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Secondary Education - Mathematics (A.S.T.) TTP**

Secondary Education - Mathematics

Associate of Science in Teaching

Students who wish to teach at the secondary level will generally major in their discipline area and minor in education. Students should check with the university to which they intend to transfer in case there are additional requirements needed for admittance to the program there.

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most Tennessee public universities is prescribed.

Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the A.S.T. must satisfy the following:

- Attainment of a cumulative 2.75 grade point average
- Successful completion of the PRAXIS Core Academic Skills for Educators (or a composite score of 21 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the re-centered SAT)
- Achievement of satisfactory rating on an index of suitability for the teaching profession
- Achievement of "C" or better in ENGL 1010 and ENGL 1020 and in each of the Education (EDU) courses in the curriculum

#### GENERAL EDUCATION (42 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

Two of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

And one of the following Literature courses:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr



- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

Two of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

History (6 credit hours)

*See notes below for information on specific transfer schools' requirements.*

Two of the following:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- HIST 2030 - Tennessee History 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

Mathematics (4 credit hours)

- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

*See notes below for information on specific transfer schools' requirements.*

Two of the following:

- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- PHYS 2120 - Calculus-Based Physics II 4 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (18 credit hours)

*Students who plan to transfer to MTSU, ETSU, or UTK in secondary education mathematics should follow the mathematics A.A./A.S. TTP and not this A.S.T. TTP. See notes below for further information.*

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- Elective 1 sem hr cr

#### Additional Information for Transferring Students

- Students transferring to **UoM** should take GEOG 1012 and GEOG 2010 to satisfy the **Social/Behavioral Sciences** requirement.
- Students should check with their advisor or a representative of the university to which they intend to transfer to determine the recommended **history courses**. Students who intend to transfer to **UTK** should take six credit hours of a non-U.S. history sequence to fulfill the history requirements. **UTC** requires that one of the history courses be a non-western culture class.
- UoM** requires BIOL 1010 in place of PHYS 1040.
- For the **Natural Science** requirement, PHYS and CHEM are recommended. Students who intend to transfer to **UTC** should take either calculus-based or non-calculus-based Physics sequence. **UTM** requires an additional chemistry sequence (1010 and 1020) and PHYS.

□ Students who plan to transfer to **MTSU**, **ETSU**, **UTK** in secondary education mathematics should follow the mathematics A.A./A.S. TTP and *not* the A.S.T. TTP. **ETSU** and **UTK** recommend, and **MTSU** requires, that students take education courses after transfer. Students who plan to transfer to TTU or UTM should take EDUC 1010.

Semester Hours Credit: 60\*

\*All secondary education mathematic majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (17 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Two (17 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- MATH 1920 - Calculus II 4 sem hrs cr
- Natural Science 4 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Three (13 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- MATH 2110 - Calculus III 4 sem hrs cr
- History 3 sem hrs cr

- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four (13 credit hours)

- MATH 2010 - Introduction to Linear Algebra 3 sem hrs cr
- MATH 2120 - Differential Equations 3 sem hrs cr
- History 3 sem hrs cr
- Literature 3 sem hrs cr
- Elective 1 sem hr cr

#### **Secondary Education - Social Studies (A.S.T.) TTP**

Education Department

Associate of Science in Teaching Degree

Students who wish to teach at the secondary level will generally major in their discipline area and minor in education. Students should check with the university to which they intend to transfer in case there are additional requirements needed for admittance to the program there.

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most Tennessee public universities is prescribed.

Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the A.S.T. must satisfy the following:

- Attainment of a cumulative 2.75 grade point average
- Successful completion of the PRAXIS Core Academic Skills for Educators (or a composite score of 21 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the re-centered SAT)
- Achievement of satisfactory rating on an index of suitability for the teaching profession
- Achievement of "C" or better in ENGL 1010 and ENGL 1020 and in each of the Education (EDU) courses in the curriculum

**Because there are multiple areas of licensure in Social Studies, please read the following statements carefully:**

- Students seeking secondary education towards licensure in History should follow the History A.S. TTP.
- Students who plan to transfer to UTK should follow the History A.S. TTP for all social-studies-related licensures.
- Students who attend to transfer to ETSU or MTSU in secondary education should follow the respective A.A. or A.S. TTP for their particular major *and not the secondary social studies A.S.T. TTP*. MTSU requires that students take education courses after transfer.

**GENERAL EDUCATION (41 credit hours)**

**Communications (9 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (9 credit hours)**

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

And one of the following:

- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

And one of the following Literature courses:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr

**Social/Behavioral Sciences (6 credit hours)**

- GEOG 2010 - World Regional Geography 3 sem hrs cr

And one of the following:

- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

*Note: Students pursuing a licensure area in Government or who plan to transfer to UTC or TTU should take POLS 1030.*

History (6 credit hours)

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

Mathematics (3 credit hours)

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1730 - Precalculus 5 sem cr hrs
- MATH 1910 - Calculus I 4 sem hrs cr

Natural Science (8 credit hours)

**(BIOL 1010 cannot be paired with BIOL 1110 or BIOL 1120.)**

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr
- BIOL 1120 - General Biology II 4 sem hrs cr
- BIOL 1510 - Environmental Science I 4 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- CHEM 1110 - General Chemistry I 4 sem hrs cr
- CHEM 1120 - General Chemistry II 4 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr
- PHYS 2020 - Non-Calculus Physics II 4 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

*Note: For students transferring to UTK, a sequence in natural science is required.*

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- EDUC 2210 - Educational Psychology 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr
- Elective 1 sem hr cr

*Note: Students who attend to transfer to ETSU or MTSU in secondary education should follow the respective A.A. or A.S. TTP for their particular major **and not this secondary social studies A.S.T. TTP.** MTSU requires that students take education courses after transfer.*

Semester Hours Credit: 60\*

\*All secondary education social studies majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

Students who intend to take the PRAXIS exam should take MATH 1420 to prepare.

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (16 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr
- Elective 1 sem hr cr
- HIST 2010 - Early United States History 3 sem hrs cr

### Semester Two (15 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 6 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

#### Semester Three (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- Literature 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Semester Four (13 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr
- Natural Science 4 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr

#### Semester Two (7 credit hours)

- Elective 1 sem hr cr



- Humanities/Fine Arts 3 sem hrs cr
- Mathematics 3 sem hrs cr

**Semester Three (9 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

**Semester Four (6 credit hours)**

- Social/Behavioral Sciences 6 sem hrs cr

**Semester Five (9 credit hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- Literature 3 sem hrs cr

**Semester Six (10 credit hours)**

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- EDUC 2210 - Educational Psychology 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Semester Seven (10 credit hours)**

- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr
- Natural Science 4 sem hrs cr

**Special Education (A.S.T.) TTP**

Special Education

Associate of Science in Teaching

Students should check with the university to which they intend to transfer in case there are additional requirements needed for admittance to the Special Education Program. Students transferring to UTK need to be formally admitted to the program during semester four.

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into

university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most Tennessee public universities is prescribed.

Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the A.S.T. must satisfy the following:

- Attainment of a cumulative 2.75 grade point average
- Successful completion of the PRAXIS Core Academic Skills for Educators (or a composite score of 21 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the re-centered SAT)
- Achievement of satisfactory rating on an index of suitability for the teaching profession
- Achievement of "C" or better in ENGL 1010 and ENGL 1020 and in each of the Education (EDU) courses in the curriculum

#### GENERAL EDUCATION (41 credit hours)

##### Communications (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- ENGL 1020 - English Composition II 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (9 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

And one of the following:

- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

And one of the following Literature classes:

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr

- ENGL 2320 - Modern World Literature 3 sem hrs cr

Social/Behavioral Sciences (6 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr

History (6 credit hours)

OPTION 1:

- HIST 2010 - Early United States History 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr

OPTION 2

Two of the following, taken in any order:

- HIST 2030 - Tennessee History 3 sem hrs cr
- HIST 2310 - Early World History 3 sem hrs cr
- HIST 2320 - Modern World History 3 sem hrs cr

*Note: Students transferring to UTK or UTC should choose Option 2.*

Mathematics (3 credit hours)

- MATH 1530 - Introductory Statistics 3 sem hrs cr

Natural Science (8 credit hours)

- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

And one of the following:

- BIOL 1010 - Introduction to Biology 4 sem hrs cr
- BIOL 1110 - General Biology I 4 sem hrs cr

AREA OF EMPHASIS REQUIREMENTS (19 credit hours)

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- EDUC 2210 - Educational Psychology 3 sem hrs cr

- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr

**NOTE:**

If intending to transfer to UTK, students should replace MATH 1410 and GEOL 1030 with the Intermediate Spanish sequence (SPAN 2010, SPAN 2020), along with a one-credit-hour elective.

Semester Hours Credit: 60\*

\*All special education majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**Recommended Full-Time Schedule (Fall or Spring Start)**

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One (16 credit hours)**

- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music
- BIOL 1010 - Introduction to Biology 4 sem hrs cr **OR** BIOL 1110 - General Biology I
- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

**Semester Two (16 credit hours)**

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr (**UTK transfers - take SPAN 2010 instead**)

#### Semester Three (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- Literature 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr (**UTK/UTC transfers - take non-U.S. History instead**)
- GEOL 1030 - Survey of Geology 4 sem hrs cr (**UTK transfers - take SPAN 2020 & an Elective (1 sem hr cr) instead**)

#### Semester Four (12 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr (**UTK/UTC transfers - take non-U.S. History instead**)
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)

- EDUC 1010 - Introduction to Education 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1020 - English Composition II 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Three (10 credit hours)

- BIOL 1010 - Introduction to Biology 4 sem hrs cr **OR** BIOL 1110 - General Biology I
- POLS 1030 - American Government 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Semester Four (7 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- PSCI 1030 - Survey of Physical Science 4 sem hrs cr

### Semester Five (9 credit hours)

- EDU 2100 - Exceptional Child Development 3 sem hrs cr
- Literature 3 sem hrs cr
- HIST 2010 - Early United States History 3 sem hrs cr **(UTK/UTC transfers - take non-U.S. History instead)**

### Semester Six (9 credit hours)

- EDUC 2210 - Educational Psychology 3 sem hrs cr
- HIST 2020 - Modern United States History 3 sem hrs cr **(UTK/UTC transfers - take non-U.S. History instead)**
- MATH 1410 - Number Concepts for Teachers 3 sem hrs cr **(UTK transfers - take SPAN 2010 instead)**

### Semester Seven (10 credit hours)

- GEOG 2010 - World Regional Geography 3 sem hrs cr
- MATH 1420 - Geometry Concepts for Teachers 3 sem hrs cr
- GEOL 1030 - Survey of Geology 4 sem hrs cr **(UTK transfers - take SPAN 2020 & an Elective (1 sem hr cr) instead)**

## Associate of Applied Science Degree (A.A.S.) Business Major:

### Accounting Concentration (A.A.S.)

Business Major

Business and Technology Department

Associate of Applied Science

The Associate of Applied Science in Business, Accounting Concentration is designed to prepare students for employment in public, private, and governmental accounting as a paraprofessional.

The program covers financial, managerial, and tax accounting using manual and computerized accounting systems.

The A.A.S. in Business, Accounting Concentration was developed in compliance with the Complete College Tennessee Act of 2010. Students who begin this program at Motlow State Community College and transfer to another Tennessee public community college are guaranteed that their credits will transfer and will be credited toward completion of the AAS in Business, Accounting Concentration at the receiving institution.

The A.A.S. degree is NOT intended to transfer to a four-year college or university. Most BUSN courses and some ACCT courses (in the Accounting concentration only) will count as lower-division electives at most four-year colleges and universities if the student transfers to pursue a business-related degree. However, some four-year colleges and universities will accept these credits into their Integrated Studies, Professional Studies, Liberal Arts, or similar programs, and a few four-year colleges and universities (including Trevecca and Western Governors) will accept these credits into business-related programs. Please consult their catalogs or websites for specific requirements.

#### GENERAL EDUCATION (15 credit hours)

##### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (3 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

Mathematics (3 credit hours)

One of the following:

**(MATH 1630 or MATH 1710 recommended)**

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Social and Behavioral Science (3 credit hours)

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

CONCENTRATION REQUIREMENTS (45 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- ACCT 2321 - Intermediate Accounting I 3 sem hrs cr
- ACCT 2331 - Tax Accounting 3 sem hrs cr
- ACCT 2351 - Auditing 3 sem hrs cr
- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- ACCT 2399 - Accounting Capstone 3 sem hrs cr **OR** ADMN 2395 APT Internship
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr



Semester Hours Credit: 60\*

\*All accounting majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTE:**

Motlow also offers a Tennessee Transfer Pathway with this area of emphasis. To make sure you are following the correct program, check with your advisor or see the Accounting Tennessee Transfer Pathway.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr **OR** MATH 1630 - Finite Mathematics

#### Semester Two - Spring (15 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- ACCT 2331 - Tax Accounting 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 - Principles of Microeconomics

#### Semester Three - Fall (18 credit hours)

- ACCT 2321 - Intermediate Accounting I 3 sem hrs cr

- ACCT 2351 - Auditing 3 sem hrs cr
- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr

#### Semester Four - Spring (12 credit hours)

- ACCT 2399 - Accounting Capstone 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (15 credit hours)

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr **OR** MATH 1630 - Finite Mathematics

#### Semester Two - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Semester Three - Spring (15 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- ACCT 2331 - Tax Accounting 3 sem hrs cr
- ACCT 2399 - Accounting Capstone 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr

#### Semester Four - Fall (15 credit hours)

- ACCT 2321 - Intermediate Accounting I 3 sem hrs cr
- ACCT 2351 - Auditing 3 sem hrs cr
- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr

#### Semester Two (6 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- ACCT 2321 - Intermediate Accounting I 3 sem hrs cr

#### Semester Three (6 credit hours)

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

Semester Four (6 credit hours)

- ACCT 2351 - Auditing 3 sem hrs cr
- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr

Semester Five (6 credit hours)

- BUSN 2375 - Career Development 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

Semester Six (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- INFS 1010 - Computer Applications 3 sem hrs cr

Semester Seven (6 credit hours)

- BUSN 2330 - Principles of Management 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr

Semester Eight (6 credit hours)

- ACCT 2331 - Tax Accounting 3 sem hrs cr
- ACCT 2399 - Accounting Capstone 3 sem hrs cr **OR** ADMN 2395 APT Internship

Semester Nine (6 credit hours)

- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

Semester Ten (6 credit hours)

- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

## **Business Office Concentration (A.A.S.)**

Business Major

Business and Technology Department

Associate of Applied Science

The A.A.S. in Business with a concentration in Business Office will introduce students to the field of business data processing. Students will gain proficiency in software applications in the field of business data processing as well as business-related programming languages. This program is designed for the student who does not intend to transfer to a four-year institution.

The A.A.S. degree is NOT intended to transfer to a four-year college or university. Most BUSN courses and some ACCT courses (in the Accounting concentration only) will count as lower-division electives at most four-year colleges and universities if the student transfers to pursue a business-related degree. However, some four-year colleges and universities will accept these credits into their Integrated Studies, Professional Studies, Liberal Arts, or similar programs, and a few four-year colleges and universities (including Trevecca and Western Governors) will accept these credits into business-related programs. Please consult their catalogs or websites for specific requirements.

### **GENERAL EDUCATION (15 credit hours)**

#### **Communications (6 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### **Humanities/Fine Arts (3 credit hours)**

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

Mathematics (3 credit hours)

One of the following:

**(MATH 1630 or MATH 1710 recommended)**

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Social and Behavioral Science (3 credit hours)

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

CONCENTRATION REQUIREMENTS (45 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- ADMN 1308 - Office Procedures 3 sem hrs cr
- ADMN 1311 - Word Processing I 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 1350 - Sales and Service 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

Semester Hours Credit: 60\*

\*All business office majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two - Spring (18 credit hours)

- ADMN 1308 - Office Procedures 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- ADMN 1311 - Word Processing I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Three - Fall (12 credit hours)

- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr

- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics

#### Semester Four - Spring (15 credit hours)

- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 1350 - Sales and Service 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (15 credit hours)

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Two - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr



- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics

### Semester Three - Spring (15 credit hours)

- ADMN 1308 - Office Procedures 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 1350 - Sales and Service 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- ADMN 1311 - Word Processing I 3 sem hrs cr

### Semester Four - Fall (15 credit hours)

- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

### Semester Two (6 credit hours)

- BUSN 1340 - Small Business Management 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

Semester Three (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr

Semester Four (6 credit hours)

- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr

Semester Five (6 credit hours)

- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr

Semester Six (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- INFS 1010 - Computer Applications 3 sem hrs cr

Semester Seven (6 credit hours)

- BUSN 2330 - Principles of Management 3 sem hrs cr
- BUSN 2360 - International Business 3 sem hrs cr

Semester Eight (6 credit hours)

- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- MATH 1530 - Introductory Statistics 3 sem hrs cr

Semester Nine (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts - 3 sem hrs cr

Semester Ten (6 credit hours)

- BUSN 2370 - Legal Environment of Business 3 sem hrs cr

- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr

### **Medical Office Concentration (A.A.S.)**

Business Major

Business and Technology Department

Associate of Applied Science

The A.A.S. in Business with a Medical Office concentration prepares individuals for a variety of positions in today's medical office environment, such as medical receptionists, medical records specialists, medical insurance specialists, patient account representatives, medical transcriptionists, medical administrative assistants, and physician or hospital coders. The program provides the opportunity for skill development in the areas of software applications, office procedures, electronic health records, medical information management, communications, transcription, and coding.

### GENERAL EDUCATION (15 credit hours)

#### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (3 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

#### Mathematics (3 credit hours)

**(MATH 1630 or MATH 1710 recommended)**

One of the following:

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Social/Behavioral Sciences (3 credit hours)

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

CONCENTRATION REQUIREMENTS (45 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- ADMN 1306 - Medical Terminology I 3 sem hrs cr
- ADMN 1308 - Office Procedures 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ADMN 2303 - CPT Coding 3 sem hrs cr
- ADMN 2304 - Introduction to Electronic Health Records 3 sem hrs cr
- ADMN 2311 - ICD-PCS Coding 3 sem hrs cr
- ADMN 2313 - Health Insurance Survey 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- HCMT 2315 - Medical Legal Issues 3 sem hrs cr

Semester Hours Credit: 60\*

\*All medical office majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (15 credit hours)

- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- ADMN 1306 - Medical Terminology I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

#### Semester Two - Spring (15 credit hours)

- ADMN 1308 - Office Procedures 3 sem hrs cr
- ADMN 2313 - Health Insurance Survey 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 - Principles of Microeconomics
- HCMT 2315 - Medical Legal Issues 3 sem hrs cr

#### Semester Three - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 2303 - CPT Coding 3 sem hrs cr
- ADMN 2304 - Introduction to Electronic Health Records 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr

### Semester Four - Spring (15 credit hours)

- ADMN 2311 - ICD-PCS Coding 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- BUSN 2375 - Career Development 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (15 credit hours)

- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- ADMN 1306 - Medical Terminology I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

### Semester Two - Fall (15 credit hours)

- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- HCMT 2315 - Medical Legal Issues 3 sem hrs cr

### Semester Three - Spring (15 credit hours)

- ADMN 1308 - Office Procedures 3 sem hrs cr

- ADMN 2304 - Introduction to Electronic Health Records 3 sem hrs cr
- ADMN 2313 - Health Insurance Survey 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics

#### Semester Four - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 2303 - CPT Coding 3 sem hrs cr
- ADMN 2311 - ICD-PCS Coding 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- ADMN 1306 - Medical Terminology I 3 sem hrs cr
- ADMN 1308 - Office Procedures 3 sem hrs cr

#### Semester Two (6 credit hours)

- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

#### Semester Three (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

Semester Four (6 credit hours)

- HCMT 2315 - Medical Legal Issues 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

Semester Five (6 credit hours)

- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 2375 - Career Development 3 sem hrs cr

Semester Six (6 credit hours)

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics

Semester Seven (6 credit hours)

- ADMN 2303 - CPT Coding 3 sem hrs cr
- ADMN 2304 - Introduction to Electronic Health Records 3 sem hrs cr

Semester Eight (6 credit hours)

- ADMN 2311 - ICD-PCS Coding 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 APT Internship

Semester Nine (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

Semester Ten (6 credit hours)

- ADMN 2313 - Health Insurance Survey 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr

**Supply Chain Management Concentration (A.A.S.)**

Business Major

Business and Technology Department

Associate of Applied Science



The Supply Chain Management Concentration within the A.A.S. in Business Technology will provide students with the skills needed for jobs in high-demand supply chain and logistic careers. Students can choose to obtain a certificate or a degree. The student wishing to obtain a degree in the Supply Chain Management concentration will first take the basic courses in business and accounting to achieve a solid foundation in business practices; then they will take the supply chain management courses for the specific degree.

#### GENERAL EDUCATION (15 credit hours)

##### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Social/Behavioral Science (3 credit hours)

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

##### Mathematics (3 credit hours)

One of the following:

- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

##### Humanities/Fine Arts (3 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

#### CONCENTRATION REQUIREMENTS (45 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 2330 - Principles of Management 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- LGM 130 - Introduction to Logistics and Supply Chain Management 3 sem hrs cr
- LGM 140 - Transportation 3 sem hrs cr
- LGM 180 - Sourcing and Procurement 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr
- Electives (**choose from BUSN or ADMN**) 3 sem hrs cr

Semester Hours Credit: 60\*

\*All supply chain management majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

#### Semester Two - Spring (15 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- LGM 130 - Introduction to Logistics and Supply Chain Management 3 sem hrs cr
- LGM 140 - Transportation 3 sem hrs cr
- LGM 180 - Sourcing and Procurement 3 sem hrs cr

#### Semester Three - Fall (15 credit hours)

- BUSN 2330 - Principles of Management 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- Elective (BUSN or ADMN) 3 sem hrs cr

#### Semester Four - Spring (15 credit hours)

- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Spring (15 credit hours)

- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

#### Semester Two - Fall (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- LGM 130 - Introduction to Logistics and Supply Chain Management 3 sem hrs cr
- LGM 140 - Transportation 3 sem hrs cr
- LGM 180 - Sourcing and Procurement 3 sem hrs cr

#### Semester Three - Spring (15 credit hours)

- ACCT 1020 - Principles of Accounting II 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr

#### Semester Four - Fall (15 credit hours)

- BUSN 2330 - Principles of Management 3 sem hrs cr
- Elective (BUSN or ADMN) 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics

## Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr

### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

### Semester Three (6 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ACCT 1020 - Principles of Accounting II 3 sem hrs cr

### Semester Four (6 credit hours)

- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- BUSN or ADMN Elective 3 sem hrs cr

### Semester Five (6 credit hours)

- LGM 130 - Introduction to Logistics and Supply Chain Management 3 sem hrs cr
- LGM 140 - Transportation 3 sem hrs cr

### Semester Six (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- INFS 1010 - Computer Applications 3 sem hrs cr

### Semester Seven (6 credit hours)

- BUSN 2330 - Principles of Management 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr

#### Semester Eight (6 credit hours)

- LGM 180 - Sourcing and Procurement 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr

#### Semester Nine (6 credit hours)

- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Semester Ten (6 credit hours)

- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr

### Associate of Applied Science Degree (A.A.S.)-Computer Information Technology Major:

#### Cyber Defense Concentration (A.A.S.)

Computer Information Technology Major  
Business and Technology Department  
Associate of Applied Science

The A.A.S. in Computer Information Technology with a Cyber Defense concentration is designed for students desiring a two-year non-transfer degree program to prepare them to enter the workforce, sustain their career, or seek career-growth opportunities in the field of entry-level cybersecurity.

#### GENERAL EDUCATION (15 credit hours)

##### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

##### Humanities/Fine Arts (3 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr

- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

#### Mathematics (3 credit hours)

One of the following:

#### **(MATH 1630 or MATH 1710 recommended)**

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

#### Social and Behavioral Science (3 credit hours)

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

#### CONCENTRATION REQUIREMENTS (45 credit hours)

- CITC 1300 - Beginning HTML & CSS 3 sem hrs cr
- CITC 1301 - Intro to Programming and Logic 3 sem hrs cr
- CITC 1302 - Introduction to Networking 3 sem hrs cr
- CITC 1303 - Database Concepts 3 sem hrs cr
- CITC 1317 - Introduction to Scripting Languages 3 sem hrs cr
- CITC 1321 - A+ Hardware 3 sem hrs cr
- CITC 1322 - A+ Software 3 sem hrs cr
- CITC 1332 - UNIX/Linux Operating System 3 sem hrs cr
- CITC 1334 - Project Management and Design 3 sem hrs cr
- CITC 1351 - Principles of Information Assurance 3 sem hrs cr
- CITC 2326 - Network Security 3 sem hrs cr
- CITC 2352 - Digital Forensics 3 sem hrs cr
- CITC 2363 - Internet/Intranet Firewalls and eCommerce Systems 3 sem hrs cr

- INFS 1010 - Computer Applications 3 sem hrs cr

And one of the following:

- CITC 2390 - Capstone Course in Computer Information 3 sem hrs cr
- CITC 2399 - CO-OP/Internship III in Computer Information Technology 3 sem hrs cr

Semester Hours Credit: 60\*

\*All cyber defense majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (15 credit hours)

- CITC 1302 - Introduction to Networking 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 - Principles of Microeconomics
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

#### Semester Two - Spring (15 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre
- CITC 1300 - Beginning HTML & CSS 3 sem hrs cr
- CITC 1301 - Intro to Programming and Logic 3 sem hrs cr
- CITC 1303 - Database Concepts 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr



### Semester Three - Fall (15 credit hours)

- CITC 1321 - A+ Hardware 3 sem hrs cr
- CITC 1322 - A+ Software 3 sem hrs cr
- CITC 1332 - UNIX/Linux Operating System 3 sem hrs cr
- CITC 1351 - Principles of Information Assurance 3 sem hrs cr
- CITC 2352 - Digital Forensics 3 sem hrs cr

### Semester Four - Spring (15 credit hours)

- CITC 1317 - Introduction to Scripting Languages 3 sem hrs cr
- CITC 1334 - Project Management and Design 3 sem hrs cr
- CITC 2326 - Network Security 3 sem hrs cr
- CITC 2363 - Internet/Intranet Firewalls and eCommerce Systems 3 sem hrs cr
- CITC 2399 - CO-OP/Internship III in Computer Information Technology 3 sem hrs cr
- OR** CITC 2390 - Capstone Course in Computer Information

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (15 credit hours)

- CITC 1302 - Introduction to Networking 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra

### Semester Two - Fall (15 credit hours)

- CITC 1321 - A+ Hardware 3 sem hrs cr

- CITC 1322 - A+ Software 3 sem hrs cr
- CITC 1332 - UNIX/Linux Operating System 3 sem hrs cr
- CITC 1351 - Principles of Information Assurance 3 sem hrs cr
- CITC 2352 - Digital Forensics 3 sem hrs cr

#### Semester Three - Spring (15 credit hours)

- CITC 1317 - Introduction to Scripting Languages 3 sem hrs cr
- CITC 1334 - Project Management and Design 3 sem hrs cr
- CITC 2326 - Network Security 3 sem hrs cr
- CITC 2363 - Internet/Intranet Firewalls and eCommerce Systems 3 sem hrs cr
- CITC 2399 - CO-OP/Internship III in Computer Information Technology 3 sem hrs cr  
**OR** CITC 2390 - Capstone Course in Computer Information

#### Semester Four - Fall (15 credit hours)

- CITC 1300 - Beginning HTML & CSS 3 sem hrs cr
- CITC 1301 - Intro to Programming and Logic 3 sem hrs cr
- CITC 1303 - Database Concepts 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre

#### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (6 credit hours)

- CITC 1301 - Intro to Programming and Logic 3 sem hrs cr
- CITC 1302 - Introduction to Networking 3 sem hrs cr

#### Semester Two (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

Semester Three (6 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music **OR** THEA 1030 - Introduction to Theatre
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 Precalculus Algebra

Semester Four (6 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- CITC 1300 - Beginning HTML & CSS 3 sem hrs cr

Semester Five (6 credit hours)

- CITC 1317 - Introduction to Scripting Languages 3 sem hrs cr
- CITC 1351 - Principles of Information Assurance 3 sem hrs cr

Semester Six (6 credit hours)

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 Principles of Microeconomics
- CITC 1303 - Database Concepts 3 sem hrs cr

Semester Seven (6 credit hours)

- CITC 1321 - A+ Hardware 3 sem hrs cr
- CITC 1322 - A+ Software 3 sem hrs cr

Semester Eight (6 credit hours)

- CITC 2326 - Network Security 3 sem hrs cr
- CITC 2363 - Internet/Intranet Firewalls and eCommerce Systems 3 sem hrs cr

Semester Nine (6 credit hours)

- CITC 1332 - UNIX/Linux Operating System 3 sem hrs cr
- CITC 2352 - Digital Forensics 3 sem hrs cr

### Semester Ten (6 credit hours)

- CITC 1334 - Project Management and Design 3 sem hrs cr
  - CITC 2399 - CO-OP/Internship III in Computer Information Technology 3 sem hrs cr
- OR** CITC 2390 - Capstone Course in Computer Information

### Associate of Applied Science Degree (A.A.S) - Entrepreneurship Major Digital Agronomy Concentration (A.A.S.)

The A.A.S. in Entrepreneurship with a concentration in Digital Agronomy will provide students with the skills needed to successfully work in the field of Digital Agronomy. This program is designed for students who do not intend to transfer to a four-year institution. While open to all students, this program is particularly designed to assist students who have received a certificate or diploma in a technical field such as those granted by the Tennessee Colleges of Applied Technology.

Students who have completed a Digital Agronomy program at a TCAT can choose to apply for course credit in the DAGR courses. Additional credit can be applied for in AGRI 1050 (TCAT: Plant and Soil Science Crop Production 1040) and AGRI 1010 (TCAT: Principles of Farm Management 3060).

Students who have earned their FAA Drone pilot license can apply for credit for GISM 1010.

### GENERAL EDUCATION (15 credit hours)

#### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Humanities/Fine Arts (3 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

Mathematics (3 credit hours)

One of the following:

**(MATH 1630 or MATH 1710 recommended)**

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

Social and Behavioral Science (3 credit hours)

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

MAJOR CORE REQUIREMENTS (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

CONCENTRATION REQUIREMENTS (30 credit hours)

- AGRI 1010 - Introduction to Agriculture Business 3 sem hrs cr
- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- AGRI 1050 - Introduction to Soil Science 3 sem hrs cr
- GISM 1010 - Introduction to GIS Mapping 3 sem hrs cr

- DAGR 1020 - Pest and Weed Identification 3 sem hrs cr
- DAGR 1030 - Regenerative Agriculture 3 sem hrs cr
- DAGR 1040 - Introduction to Precision Agriculture 3 sem hrs cr
- DAGR 1050 - Crop Quality and Storage 3 sem hrs cr
- DAGR 1060 - Irrigation and Water Management 3 sem hrs cr

Semester Hours Credit: 60\*

\*All digital agronomy majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### NOTES:

- Students who have completed a Digital Agronomy program at a TCAT can choose to apply for course credit in the DAGR courses. Additional credit can be applied for in AGRI 1050 (TCAT: Plant and Soil Science Crop Production 1040) and AGRI 1010 (TCAT: Principles of Farm Management 3060).
- Students who have earned their FAA Drone pilot license can apply for credit for GISM 1010.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended full-time schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- AGRI 1030 - Introduction to Plant Science 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### Semester Two (15 credit hours)

- AGRI 1010 - Introduction to Agriculture Business 3 sem hrs cr

- AGRI 1020 - Introduction to Animal Science 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr **OR** MATH 1710 - Precalculus Algebra 3 sem hrs cr

#### Semester Three (16 credit hours)

- AGRI 1050 - Introduction to Soil Science 3 sem hrs cr
- DAGR 1020 - Pest and Weed Identification 3 sem hrs cr
- GISM 1010 - Introduction to GIS Mapping 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 - Principles of Microeconomics 3 sem hrs cr

#### Semester Four (15 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- DAGR 1030 - Regenerative Agriculture 3 sem hrs cr
- DAGR 1040 - Introduction to Precision Agriculture 3 sem hrs cr
- DAGR 1050 - Crop Quality and Storage 3 sem hrs cr
- DAGR 1060 - Irrigation and Water Management 3 sem hrs cr

#### **Entrepreneurship Concentration (A.A.S.)**

Entrepreneurship Major  
Business and Technology Department  
Associate of Applied Science

The A.A.S. in Entrepreneurship will provide students with the skills needed to start and successfully run their own business. This program is designed for students who do not intend to transfer to a four-year institution. While open to all students, this program is particularly designed to assist students who have received a certificate or diploma in a technical field such as those granted by the Tennessee Colleges of Applied Technology.

#### GENERAL EDUCATION CORE REQUIREMENTS (15 credit hours)

##### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (3 credit hours)**

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

**Mathematics (3 credit hours)**

One of the following:

*(MATH 1630 or MATH 1710 recommended)*

- MATH 1010 - Math for General Studies 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- MATH 1630 - Finite Mathematics 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

**Social and Behavioral Science (3 credit hours)**

One of the following:

- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr

**MAJOR CORE REQUIREMENTS (15 credit hours)**

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr



- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

#### CONCENTRATION REQUIREMENTS (30 credit hours)

- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 1330 - Entrepreneurship 3 sem hrs cr
- BUSN 1340 - Small Business Management 3 sem hrs cr
- BUSN 1350 - Sales and Service 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- LGM 130 - Introduction to Logistics and Supply Chain Management 3 sem hrs cr
- Elective (ADMN or BUSN) 3 sem hrs cr

And one of the following:

- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr
- ADMN 2395 - APT Internship 3 sem hrs cr

Semester Hours Credit: 60\*

\*All entrepreneurship majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### **NOTE:**

Students with mid-management work experience can use the course BUSN 2905 to earn credit hours in place of BUSN courses in this degree program. This experience will be evaluated by the Department Lead of Business and Technology with six hours' credit being awarded for each year in excess of three years' work experience or apprenticeship, up to a maximum of twelve credit hours.

#### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a

degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ACCT 1010 - Principles of Accounting I 3 sem hrs cr
- BUSN 1305 - Introduction to Business 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- Mathematics 3 sem hrs cr

#### Semester Two (15 credit hours)

- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 1330 - Entrepreneurship 3 sem hrs cr
- BUSN 2370 - Legal Environment of Business 3 sem hrs cr
- BUSN 2380 - Principles of Marketing 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Semester Three (15 credit hours)

- ACCT 2382 - Accounting Systems Applications 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr
- Humanities/Fine Arts 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr **OR** ECON 2200 - Principles of Microeconomics

#### Semester Four (15 credit hours)

- ADMN 2390 - Capstone Experience for APT 3 sem hrs cr **OR** ADMN 2395 - APT Internship 3 sem hrs cr
- BUSN 1340 - Small Business Management 3 sem hrs cr
- BUSN 1350 - Sales and Service 3 sem hrs cr
- LGM 180 - Sourcing and Procurement 3 sem hrs cr
- Elective (ADMN or BUSN) 3 sem hrs cr

## Associate of Applied Science Degree (A.A.S) - Mechatronics Major Mechatronics Technology (A.A.S.)

Mechatronics Technology

Career Readiness

Associate of Applied Science Degree

**This career program will provide the academic knowledge and practical experience necessary to prepare students for employment as a highly skilled mechatronics technician. The concentration is specifically provided for students who are interested in working as a technician in an integrated multidisciplinary industrial environment. Upon successful completion of the program, students will be afforded the opportunity to complete the Level 2 Certification Examination to become a Siemens Certified Mechatronics Systems Associate. All collegiate-level transfer coursework for the Mechatronics program will be evaluated according to the following criteria:**

- course similarity within the programs enrolled in at Motlow
- courses with similar content taught at the same level as Motlow
- same credentialing requirements for faculty at the transferring institution. Credit towards degree or certificate program requirements will be given for transfer coursework that meets all criteria. Mechatronics courses will be evaluated by the Dean of Career & Technical Programs.

### ADMISSION TO THE MOTLOW COLLEGE IN MECHATRONICS

#### Application Procedure

- Apply and be accepted for admission to Motlow State Community College.
- Submit the separate Mechatronic Program Application by established deadline.
- Take the Accuplacer examination in all areas or have current ACT scores.

### GENERAL EDUCATION (15 credit hours)

#### Communications (6 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Mathematics (3-4 credit hours)

(See notes below for recommended courses for transfer students.)

One of the following:

- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr

- MATH 1910 - Calculus I 4 sem hrs cr

#### Humanities/Fine Arts (3 credit hours)

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

#### Social/Behavioral Sciences (3 credit hours)

One of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### CONCENTRATION REQUIREMENTS (46 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr **OR** PHYS 2110 - Calculus-Based Physics I (see notes below)
- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr

- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr **OR** ENST 1311 - Computer-Aided Design I 3 sem hrs cr (see notes below)
- MECH 2320 - Motor Control 3 sem hrs cr
- MECH 2425 - Mechanics and Machine Elements 4 sem hrs cr
- MECH 2440 - Process Control Technologies 4 sem hrs cr
- MECH 2441 - Introduction to Totally Integrated Automation 4 sem hrs cr
- MECH 2480 - Automation Systems 4 sem hrs cr
  
- One of the following options (see notes below):
- CISP 1010 - Computer Science I 4 sem hrs cr  
**OR**
- CITC 1302 - Introduction to Networking 3 sem hrs cr **AND** MECH 2991 - Special Topics in Mechatronics 1 sem hr cr
  
- And one of the following options (see notes below):
- MECH 2490 - Manufacturing Applications 4 sem hrs cr  
**OR**
- MECH 2495 - Internship in Mechatronics II 3 sem hrs cr **AND** MECH 2991 - Special Topics in Mechatronics 1 sem hr cr

**On-Site Requirements:**

MECH 2480, MECH 2425, and MECH 2490 *must* be taken at Motlow State Community College.

**Semester Hours Credit: 61\***

\*All mechatronics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

**NOTES FOR TRANSFERRING STUDENTS:**

- Students planning to articulate to **Middle Tennessee State University** for the Mechatronics Engineering Program are advised to take MATH 1910 and PHYS 2110.
- Students planning to articulate to **Tennessee State University** in the 2+2 program for a bachelors degree in Industrial Technology with a concentration in Mechatronics are advised to take MATH 1910, PHYS 2110, ENGR 2110, ENGL 1020, and HIST 2010.
- Level 1 students have the option of taking ENST 1311 in place of MECH 1350 if they wish.

- Level 2 students have the option of taking CITC 1302 *PLUS* MECH 2991 in place of CISP 1010 if they wish.
- Students will have the choice between the four-credit-hour Manufacturing Applications capstone course and the three-credit-hour Internship course paired with MECH 2991.

### FALL START ONLY - Recommended Full-Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (15 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr **OR** ENST 1311 - Computer-Aided Design I 3 sem hrs cr

#### Semester Two (16 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr

#### Semester Three (16 credit hours)

- MECH 2425 - Mechanics and Machine Elements 4 sem hrs cr
- MECH 2441 - Introduction to Totally Integrated Automation 4 sem hrs cr
- MECH 2480 - Automation Systems 4 sem hrs cr

And one of the following options:

- CISP 1010 - Computer Science I 4 sem hrs cr

- CITC 1302 - Introduction to Networking 3 sem hrs cr **AND** MECH 2991 - Special Topics in Mechatronics 1 sem hr cr

#### Semester Four (14 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr
- MECH 2440 - Process Control Technologies 4 sem hrs cr

And one of the following options:

- MECH 2490 - Manufacturing Applications 4 sem hrs cr
- MECH 2495 - Internship in Mechatronics II 3 sem hrs cr **AND** MECH 2991 - Special Topics in Mechatronics 1 sem hr cr

#### FALL START ONLY - Recommended Part-Time Schedule

The following is a recommended **part-time** schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One (9 credit hours)

- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr **OR** ENST 1311 - Computer-Aided Design I 3 sem hrs cr

#### Semester Two (9 credit hours)

- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr

#### Semester Three (9 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

- MECH 2440 - Process Control Technologies 4 sem hrs cr

Semester Four (7 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr

Semester Five (8 credit hours)

- MECH 2441 - Introduction to Totally Integrated Automation 4 sem hrs cr

And one of the following options:

- CISP 1010 - Computer Science I 4 sem hrs cr
- CITC 1302 - Introduction to Networking 3 sem hrs cr **AND** MECH 2991 - Special Topics in Mechatronics 1 sem hr cr

Semester Six (6 credit hours)

- Humanities/Fine Arts 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

Semester Seven (8 credit hours)

- MECH 2425 - Mechanics and Machine Elements 4 sem hrs cr
- MECH 2480 - Automation Systems 4 sem hrs cr

Semester Eight (4 credit hours)

One of the following options:

- MECH 2490 - Manufacturing Applications 4 sem hrs cr
- MECH 2495 - Internship in Mechatronics II 3 sem hrs cr **AND** MECH 2991 - Special Topics in Mechatronics 1 sem hr cr

**Robotics Concentration (A.A.S.)**

Mechatronics Major

Career & Technical Programs

Associate of Applied Science Degree

GENERAL EDUCATION (15-16 hours)



**Communications (6 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

**Humanities/Fine Arts (3 credit hours)**

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr

**Mathematics (3-4 credit hours)**

One of the following:

- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MATH 1720 - Precalculus Trigonometry 3 sem hrs cr
- MATH 1910 - Calculus I 4 sem hrs cr

**Social/Behavioral Sciences (3 credit hours)**

One of the following:

- ANTH 1100 - Introduction to Anthropology 3 sem hrs cr
- COMM 1010 - Introduction to Mass Communications 3 sem hrs cr
- ECON 2100 - Principles of Macroeconomics 3 sem hrs cr
- ECON 2200 - Principles of Microeconomics 3 sem hrs cr
- GEOG 1012 - Cultural Geography 3 sem hrs cr
- GEOG 2010 - World Regional Geography 3 sem hrs cr
- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- POLS 2025 - State and Local Government 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr

- SOCI 1040 - Social Problems 3 sem hrs cr
- SOCI 2010 - Marriage and Family 3 sem hrs cr

#### CONCENTRATION REQUIREMENTS (46 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr **OR** PHYS 2110 - Calculus-Based Physics I
- PHYS 2110 - Calculus-Based Physics I 4 sem hrs cr
- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr
- MECH 2710 - Robotics Safety and Operation 4 sem hrs cr
- MECH 2720 - Robotic Design and Maintenance 4 sem hrs credit
- MECH 2730 - Robotic Design and End Effector Tooling 4 sem hrs credit
- MECH 2740 - Robotic Welding 4 sem hrs credit
- MECH 2750 - Robotic Applications Capstone 4 sem hrs credit

Semester Hours Credit: 61\*

\*All mechatronics majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One - Fall (15 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr
- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr

#### Semester Two - Spring (17 credit hours)

- CISP 1010 - Computer Science I 4 sem hrs cr
- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr

#### Semester Three - Fall (14 credit hours)

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- MECH 2710 - Robotics Safety and Operation 4 sem hrs cr
- MECH 2720 - Robotic Design and Maintenance 4 sem hrs credit
- Social/Behavioral Sciences 3 sem hrs cr

#### Semester Four - Spring (15 credit hours)

- MECH 2730 - Robotic Design and End Effector Tooling 4 sem hrs credit
- MECH 2740 - Robotic Welding 4 sem hrs credit
- MECH 2750 - Robotic Applications Capstone 4 sem hrs credit
- Humanities/Fine Arts 3 sem hrs cr

#### Recommended Part-Time Schedule (Fall Start)

The following is a recommended **part-time fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One - Fall (9 credit hours)**

- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr

**Semester Two - Spring (9 credit hours)**

- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr

**Semester Three - Fall (7 Credit Hours)**

- CISP 1010 - Computer Science I 4 sem hrs cr
- MATH 1710 - Precalculus Algebra 3 sem hrs cr

**Semester Four - Spring (7 Credit Hours)**

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- PHYS 2010 - Non-Calculus Physics I 4 sem hrs cr

**Semester Five - Fall (8 credit hours)**

- MECH 2710 - Robotics Safety and Operation 4 sem hrs cr
- MECH 2720 - Robotic Design and Maintenance 4 sem hrs credit

**Semester Six - Spring (7 credit hours)**

- MECH 2730 - Robotic Design and End Effector Tooling 4 sem hrs credit
- Humanities/Fine Arts 3 sem hrs cr

**Semester Seven - Fall (6 credit hours)**

- ENGL 1010 - English Composition I 3 sem hrs cr
- Social/Behavioral Sciences 3 sem hrs cr

**Semester Eight - Spring (8 credit hours)**

- MECH 2740 - Robotic Welding 4 sem hrs credit

- MECH 2750 - Robotic Applications Capstone 4 sem hrs credit

## Associate of Applied Science Degree (A.A.S.)

### Medical Laboratory Technology (A.A.S.)

The Medical Laboratory Technology (MLT) program is designed to provide general education, natural science, and medical laboratory science education courses necessary for entry-level professional preparation. Medical Laboratory Technicians perform laboratory tests used to diagnose, treat, and monitor patients. Program graduates are eligible to take national certification examinations and make application for Tennessee licensure as Medical Laboratory Technicians.

Admission to the program is on a limited and competitive basis. In order to be eligible for admission into the MLT program, students must have earned a minimum cumulative GPA of 2.50 (on a 4.00 scale), must successfully complete all the required 16 hours of general education courses, complete each of the following courses with a grade of "C" or better—BIOL 2020, BIOL 2230 (or CHEM 1010 or higher), MLAB 1301—and complete one of the elective options listed below. Once students are admitted, graduation from the program requires three consecutive semesters of intensive full-time study beginning in the fall semester of each year. The MLT program classes do not necessarily follow the regular college calendar. All MLT courses except clinical practicums are taught at the Smyrna campus.

### Program Accreditation

The Motlow State Community College MLT Program has applied for accreditation with the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS), 5600 N River Rd, Suite 720, Rosemont, IL 60018 [www.naacls.org](http://www.naacls.org) (847) 939-3597).

### Certificate to Operate

The Motlow State Community College MLT Program has applied for a certificate to operate with the Tennessee Medical Laboratory Board in Nashville, Tennessee located at Metro Center Complex, 665 Mainstream Drive, 2nd Floor, Nashville, TN 37243. (615) 532-3202

All students graduating with a degree from MSCC are required to take the Educational Testing Service Proficiency Profile (ETSP). More information can be found at:  
<http://www.mscc.edu/testing/exit-exam.aspx>

### GENERAL EDUCATION (16 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr OR HIGHER
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

### Humanities/Fine Arts

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- ART 2000 - Art History Survey I 3 sem hrs cr
- ART 2020 - Art History Survey II 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr
- THEA 1030 - Introduction to Theatre 3 sem hrs cr
- ENGL 2045 - Introduction to Literature 3 sem hrs cr
- ENGL 2130 - Topics in American Literature 3 sem hrs cr
- ENGL 2235 - Topics in British Literature 3 sem hrs cr
- ENGL 2310 - Early World Literature 3 sem hrs cr
- ENGL 2320 - Modern World Literature 3 sem hrs cr
- ENGL 2330 - Topics in World Literature 3 sem hrs cr

One of the following electives: (3 credit hours)

- HPE 2340 - Wellness Perspectives and Lifestyles 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- NRSG 1370 - Medical Terminology for Healthcare Professionals 3 sem hrs cr
- POLS 1030 - American Government 3 sem hrs cr
- SOCI 1010 - Introduction to Sociology 3 sem hrs cr
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

CONCENTRATION REQUIREMENTS (48 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr
  - or CHEM 1010 4 sem hrs cr (or higher)
- MLAB 1301 - Intro to Medical Lab Technology 3 sem hrs cr
- MLAB 1510 - Clinical Practicum I 5 sem hrs cr (205 clinical contact hours)
- MLAB 1520 - Clinical Practicum II 5 sem hrs cr (240 clinical contact hours)
- MLAB 2130 - Seminar I 1 sem hr cr
- MLAB 2201 - Clinical Immunology 2 sem hrs cr (15 lecture hours/30 laboratory hours)
- MLAB 2202 - Urinalysis & Body Fluids 2 sem hrs cr (15 lecture hours/30 laboratory hours)
- MLAB 2270 - Seminar II 2 sem hrs cr

- MLAB 2301 - Immunohematology/Blood Bank 3 sem hrs cr (30 lecture hours/30 laboratory hours)
- MLAB 2401 - Clinical Chemistry 4 sem hrs cr (45 lecture hours/30 laboratory hours)
- MLAB 2402 - Hematology & Hemostasis 4 sem hrs cr (45 lecture hours/30 laboratory hours)
- MLAB 2403 - Clinical Microbiology 4 sem hrs cr (45 lecture hours/30 laboratory hours)
- MLAB 2510 - Clinical Practicum III 5 sem hrs cr (240 clinical contact hours)

Semester Hours Credit: 67\*

\*All MLT majors who are required to take Learning Support must also complete MSCC 1300 First-Year Experience.

#### FALL START ONLY - Recommended Full Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (16 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- Elective (choose from list above) - 3 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1010 - Math for General Studies 3 sem hrs cr or Higher
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Two - Spring (14 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr or CHEM 1110 General Chemistry I or Higher
- Humanities/Fine Arts - 3 sem hrs cr
- MLAB 1301 - Intro to Medical Lab Technology 3 sem hrs cr

### Semester Three - Fall (12 credit hours)

- MLAB 2201 - Clinical Immunology 2 sem hrs cr (15 lecture hours/30 laboratory hours)
- MLAB 2202 - Urinalysis & Body Fluids 2 sem hrs cr (15 lecture hours/30 laboratory hours)
- MLAB 2401 - Clinical Chemistry 4 sem hrs cr (45 lecture hours/30 laboratory hours)
- MLAB 2402 - Hematology & Hemostasis 4 sem hrs cr (45 lecture hours/30 laboratory hours)

### Semester Four - Spring (13 credit hours)

- MLAB 1510 - Clinical Practicum I 5 sem hrs cr (205 clinical contact hours)
- MLAB 2130 - Seminar I 1 sem hr cr
- MLAB 2301 - Immunohematology/Blood Bank 3 sem hrs cr (30 lecture hours/30 laboratory hours)
- MLAB 2403 - Clinical Microbiology 4 sem hrs cr (45 lecture hours/30 laboratory hours)

### Semester Five - Summer (12 credit hours)

- MLAB 1520 - Clinical Practicum II 5 sem hrs cr (240 clinical contact hours)
- MLAB 2270 - Seminar II 2 sem hrs cr
- MLAB 2510 - Clinical Practicum III 5 sem hrs cr (240 clinical contact hours)

### Nursing (A.A.S.)

Nursing

Associate of Applied Science Degree

Motlow State Community College (MSCC) offers a Nursing Major for those students desiring to pursue a career as a registered nurse by preparing individuals to be eligible to apply to take the National Council of Licensure Exam for the Registered Nurse (NCLEX-RN). The nursing program provides students with learning opportunities to acquire the knowledge, skills, and critical thinking needed to meet the health care needs of the communities in which they will work.

The MSCC Nursing Specific Program Outcomes:

- Graduates are prepared to perform the graduate core competencies for Associate Degree nurses in the delivery of care.
- Graduates meet or exceed the state and national mean score on the NCLEX-RN.
- Graduates contribute to the supply of registered nurses in the MSCC's eleven-county service area.



Associate of Applied Science (A.A.S.) in Nursing for TBR Community Colleges Program  
Outcomes:

- **Performance on licensure exam:** The annual NCLEX-RN pass rate for first-time takers will meet accreditation and state requirements.
- **Program completion:** Sixty percent (60%) of students will complete the program within one hundred-fifty percent (150%) of the program length.
- **Job Placement Rates:** Eighty-five percent (85%) will be employed within six to twelve months post-graduation.

### GENERAL EDUCATION

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- BIOL 2230 - Microbiology 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Guided Elective: Choose one of the following

- ENGL 1020 - English Composition II 3 sem hrs cr
- PSYC 2130 - Lifespan Development Psychology 3 sem cr hrs
- COMM 2025 - Fundamentals of Communication 3 sem hrs cr

#### Guided Humanity Course

- any approved 3-credit-hour Humanities course

### PROFESSIONAL CORE COURSE REQUIREMENTS

- NRSNG 1320 - Women's Health and the Childbearing Family 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSNG 1330 - Pediatric Nursing 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSNG 1340 - Mental Health Nursing 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSNG 1710 - Fundamentals in Nursing 7 sem hrs cr (4 lecture; 3 clinical/lab)
- NRSNG 1720 - Medical-Surgical Nursing I 7 sem hrs cr (5 lecture; 2 clinical/lab)

- NRSB 2240 - Professional Practice in Nursing 2 sem hrs cr (lecture)
- NRSB 2730 - Medical-Surgical Nursing II 7 sem hrs cr (5 lecture; 2 clinical/lab)
- NRSB 2740 - Medical-Surgical Nursing III 7 sem hrs cr (5 lecture; 2 clinical/lab)

Semester Credit Hours: 66

### FALL START ONLY - Recommended Full-Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### Semester One - Fall (17 credit hours)

- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr
- NRSB 1710 - Fundamentals in Nursing 7 sem hrs cr (4 lecture; 3 clinical/lab)
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester Two - Spring (17 credit hours)

- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- MATH 1530 - Introductory Statistics 3 sem hrs cr
- NRSB 1340 - Mental Health Nursing 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSB 1720 - Medical-Surgical Nursing I 7 sem hrs cr (5 lecture; 2 clinical/lab)

#### Semester Three - Fall (17 credit hours)

- BIOL 2230 - Microbiology 4 sem hrs cr
- Guided Elective - 3 sem hrs cr
- NRSB 1330 - Pediatric Nursing 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSB 2730 - Medical-Surgical Nursing II 7 sem hrs cr (5 lecture; 2 clinical/lab)

#### Semester Four - Spring (15 credit hours)

- Guided Humanities course - 3 sem hrs cr

- NRSG 1320 - Women's Health and the Childbearing Family 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSG 2240 - Professional Practice in Nursing 2 sem hrs cr (lecture)
- NRSG 2740 - Medical-Surgical Nursing III 7 sem hrs cr (5 lecture; 2 clinical/lab)

#### SUMMER (LPN) START ONLY - Recommended Full-Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### **PRE-REQUISITES FOR NON-TCAT GRADUATES**

The following courses are required to be completed prior to admission to the nursing program.

- BIOL 2010 4 sem cr hrs
- BIOL 2020 4 sem cr hrs
- ENGL 1010 3 sem cr hrs
- MATH 1530 3 sem cr hrs
- PSYC 1030 3 sem cr hrs

#### **PRE-REQUISITES FOR TCAT GRADUATES**

The following courses are required to be completed prior to admission to the nursing program.

- BIOL 2010 4 sem cr hrs
- MATH 1530 3 sem cr hrs
- PSYC 1030 3 sem cr hrs

Note: Students who do not complete BIOL 2020 and ENGL 1010 prior to enrolling in NRSG 1700 must take them as corequisites in the summer.

#### Semester One - Summer (7 credit hours)

- NRSG 1700 - Transition to Professional Nursing 7 sem hrs cr (5 lecture; 2 clinical/lab)

*\*Upon successful completion of NRSG 1700, students will receive 7 hours of PLA for their HESI Fundamentals score and 3 hours of PLA for their LPN license.*

### Semester Two - Fall (17 credit hours)

- BIOL 2230 - Microbiology 4 sem hrs cr
- Guided elective - 3 sem hrs cr
- NRSG 1330 - Pediatric Nursing 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSG 2730 - Medical-Surgical Nursing II 7 sem hrs cr (5 lecture; 2 clinical/lab)

### Semester Three - Spring (15 credit hours)

- Guided Humanities course - 3 sem cr hrs
- NRSG 1320 - Women's Health and the Childbearing Family 3 sem hrs cr (2 lecture; 1 clinical/lab)
- NRSG 2240 - Professional Practice in Nursing 2 sem hrs cr (lecture)
- NRSG 2740 - Medical-Surgical Nursing III 7 sem hrs cr (5 lecture; 2 clinical/lab)

### **Paramedic (A.A.S.)**

The Paramedic is an emergency medical professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is the link from the scene into the health care system.

To successfully complete the Paramedic Program and establish eligibility for the licensure examination, students must:

- Meet all course and skill requirements as outlined in the student handbook
- Have a cumulative GPA of 2.0
- Discharge all financial obligations to Motlow State Community College
- Not be under investigation or subject to disciplinary action for violation of program or college rules, regulations, or policies

**\* Licensure as a Paramedic in Tennessee reflects equivalency of the MSCC Paramedic Technical Certificate.**

### GENERAL EDUCATION (17 credit hours)

- ENGL 1010 - English Composition I 3 sem hrs cr
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

One of the following:

- ART 1035 - Introduction to Art 3 sem hrs cr
- MUS 1030 - Introduction to Music 3 sem hrs cr

#### AREA OF EMPHASIS REQUIREMENTS (43 credit hours)

- EMSP 1311 - Paramedic Clinical I 3 sem hrs cr
- EMSP 1401 - Paramedic Skills Labs I 4 sem hrs cr
- EMSP 1801 - Fundamentals of Paramedic I 8 sem hrs cr
- EMSP 2402 - Paramedic Skills Labs II 4 sem hrs cr
- EMSP 2403 - Paramedic Capstone 4 sem hrs cr
- EMSP 2412 - Paramedic Clinical II 4 sem hrs cr
- EMSP 2303 - Paramedic Practicum 3 sem hrs cr
- EMSP 2513 - Paramedic Field Internship 5 sem hrs cr
- EMSP 2802 - Fundamentals of Paramedic II 8 sem hrs cr

Semester Hours Credit: 60\*

\*All paramedic majors who are required to take Learning Support must also complete MSCC 1300 - First-Year Experience.

#### FALL START ONLY - Recommended Full-Time Schedule

The following is a recommended schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

#### General Education Courses (17 credit hours)

- ART 1035 - Introduction to Art 3 sem hrs cr **OR** MUS 1030 - Introduction to Music
- BIOL 2010 - Human Anatomy and Physiology I 4 sem hrs cr
- BIOL 2020 - Human Anatomy and Physiology II 4 sem hrs cr
- ENGL 1010 - English Composition I 3 sem hrs cr

- PSYC 1030 - Introduction to Psychology 3 sem hrs cr

#### Semester One - Fall (15 credit hours)

- EMSP 1311 - Paramedic Clinical I 3 sem hrs cr
- EMSP 1401 - Paramedic Skills Labs I 4 sem hrs cr
- EMSP 1801 - Fundamentals of Paramedic I 8 sem hrs cr

#### Semester Two - Spring (16 credit hours)

- EMSP 2402 - Paramedic Skills Labs II 4 sem hrs cr
- EMSP 2412 - Paramedic Clinical II 4 sem hrs cr
- EMSP 2802 - Fundamentals of Paramedic II 8 sem hrs cr

#### Semester Three - Summer (12 credit hours)

- EMSP 2303 - Paramedic Practicum 3 sem hrs cr
- EMSP 2403 - Paramedic Capstone 4 sem hrs cr
- EMSP 2513 - Paramedic Field Internship 5 sem hrs cr

### Certificate

#### **Customer Service Certificate of Credit**

##### Business and Technology

Motlow State Community College offers a Customer Service Certificate for students interested in employment in a customer service role in the banking, healthcare, retail, and entrepreneurial industries. Upon completion of this certificate, students should be prepared to take the three Work Key assessments that make up the National Career Readiness Certificate (Applied Math, Workplace Documents, and Graphic Literacy).

This Certificate is recognized by *Site Selector Magazine* as one of the top criteria businesses are using to determine the best location for opening a new site.

#### Customer Service Certificate of Credit

- BUSN 1305 - Introduction to Business 3 sem hrs cr
- BUSN 1310 - Business Communications 3 sem hrs cr
- BUSN 1320 - Business Calculations 3 sem hrs cr
- BUSN 1350 - Sales and Service 3 sem hrs cr
- ADMN 1313 - Spreadsheet Applications 3 sem hrs cr

- COMM 2025 - Fundamentals of Communication 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr

Semester Hours Credit: 21

### **Early Childhood Education Technical Certificate (12 hours)**

Motlow State Community College offers the Early Childhood Technical Certificate of Credit. This prepares the student for a career in child care and early education. This program is intended for students who are seeking a short-term program concentrated in the area of early childhood education for the purpose of developing or updating credentials leading to Child Development Associate (CDA).

**This certificate is not covered by Financial Aid; however, TECTA often provides tuition and textbook assistance.**

### CONCENTRATION REQUIREMENTS (12 credit hours)

- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr **OR** ECED 2335 Initial Practicum
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr

### Semester Two (6 credit hours)

- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr

## Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr

### Semester Two (6 credit hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr **OR** ECED 2335 Initial Practicum
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr

### **Early Childhood Education Technical Certificate (24 hours)**

Motlow State Community College offers the Early Childhood Technical Certificate of Credit. This prepares the student for a career in child care and early education.

This certificate is not covered by Financial Aid.

### CONCENTRATION REQUIREMENTS (21 credit hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- ECED 2380 - Language and Literacy in Early Childhood 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr
- ECED 2385 - Math and Science in Early Childhood 3 sem hrs cr

### Early Childhood Guided Electives (3 credit hours)

- ECED 2330 - Infant and Toddler Care 3 sem hrs cr
- ECED 2390 - Creative Development 3 sem hrs cr



- ECED 2300 - The Mentoring Teacher 3 sem hrs cr
- ECED 2312 - Administration of Early Childhood Programs 3 sem hrs cr
- ECED 2375 - Social-Emotional Development 3 sem hrs cr
- ECED 2185 - Special Topics in Early Childhood Education 1-3 sem hrs cr
- ECED 2285 - Special Topics in Early Childhood Education 1-3 sem hrs cr

Semester Hours Credit: 24

NOTES:

- Tennessee Department of Human Services recognizes the Technical Certificate in its 3-Star Licensing Program as one of the qualifications for staff.
- **Articulation with Tennessee Colleges of Applied Technology:** Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a TBR community college for ECED 2335 - Initial Practicum (3 hrs) and ECED 2310 - Safe, Healthy Learning Environments (3 hrs).
- Additional credits may be awarded by the receiving community college on a case-by-case basis, consistent with accreditation requirements of NAEYC.

Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One - Fall (12 Credit Hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr
- ECED 2380 - Language and Literacy in Early Childhood 3 sem hrs cr

Semester Two - Spring (12 Credit Hours)

- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr

- ECED 2385 - Math and Science in Early Childhood 3 sem hrs cr
- Early Childhood Guided Elective 3 sem hrs cr

### Recommended Full-Time Schedule (Spring Start)

The following is a recommended **spring-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Spring (12 Credit Hours)

- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr
- ECED 2385 - Math and Science in Early Childhood 3 sem hrs cr
- Early Childhood Guided Elective 3 sem hrs cr

### Semester Two - Fall (12 Credit Hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr
- ECED 2380 - Language and Literacy in Early Childhood 3 sem hrs cr

### Recommended Part-Time Schedule (Fall and Spring Start)

The following is a recommended **part-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One (6 credit hours)

- ECED 1310 - Introduction to Early Childhood Education 3 sem hrs cr
- ECED 2315 - Early Childhood Curriculum 3 sem hrs cr

### Semester Two (6 credit hours)

- ECED 2310 - Safe, Healthy Learning Environments 3 sem hrs cr
- ECED 2340 - Family Dynamics and Community Involvement 3 sem hrs cr

### Semester Three (6 credit hours)

- ECED 2380 - Language and Literacy in Early Childhood 3 sem hrs cr
- ECED 2335 - Initial Practicum 3 sem hrs cr

### Semester Four (6 credit hours)

- ECED 2385 - Math and Science in Early Childhood 3 sem hrs cr
- Early Childhood Guided Elective 3 sem hrs cr

### **Emergency Medical Paramedic Certificate of Credit**

The Paramedic is an emergency medical professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is the link from the scene into the health care system.

**This certificate of credit may be covered by Financial Aid, including Tennessee Promise and Tennessee Reconnect.**

To successfully complete the Paramedic Program and establish eligibility for the licensure examination, students must:

- Meet all course and skill requirements as outlined in the student handbook
- Have a cumulative GPA of 2.0
- Discharge all financial obligations to Motlow State Community College
- Not be under investigation or subject to disciplinary action for violation of program or college rules, regulations, or policies

### Paramedic Certificate of Credit

- EMSP 1311 - Paramedic Clinical I 3 sem hrs cr
- EMSP 1401 - Paramedic Skills Labs I 4 sem hrs cr
- EMSP 1801 - Fundamentals of Paramedic I 8 sem hrs cr
- EMSP 2303 - Paramedic Practicum 3 sem hrs cr

- EMSP 2402 - Paramedic Skills Labs II 4 sem hrs cr
- EMSP 2403 - Paramedic Capstone 4 sem hrs cr
- EMSP 2412 - Paramedic Clinical II 4 sem hrs cr
- EMSP 2513 - Paramedic Field Internship 5 sem hrs cr
- EMSP 2802 - Fundamentals of Paramedic II 8 sem hrs cr

Semester Hours Credit: 43

### Recommended Full-Time Schedule (Fall Start)

The following is a recommended **fall-start** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - Fall (15 credit hours)

- EMSP 1311 - Paramedic Clinical I 3 sem hrs cr
- EMSP 1401 - Paramedic Skills Labs I 4 sem hrs cr
- EMSP 1801 - Fundamentals of Paramedic I 8 sem hrs cr

### Semester Two - Spring (16 credit hours)

- EMSP 2402 - Paramedic Skills Labs II 4 sem hrs cr
- EMSP 2412 - Paramedic Clinical II 4 sem hrs cr
- EMSP 2802 - Fundamentals of Paramedic II 8 sem hrs cr

### Semester Three - Summer (12 credit hours)

- EMSP 2303 - Paramedic Practicum 3 sem hrs cr
- EMSP 2403 - Paramedic Capstone 4 sem hrs cr
- EMSP 2513 - Paramedic Field Internship 5 sem hrs cr

### **Emergency Medical Technician Advanced Certificate of Credit**

The AEMT is an allied-health professional whose primary focus is to provide basic emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. The AEMT's function as part of a comprehensive EMS response, under medical

oversight. AEMTs perform interventions with the basic and advanced equipment typically found on an ambulance. The AEMT is a link from the scene into the health care system.

The Advanced Emergency Medical Technician Program includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. The Advanced Emergency Medical Technician has the knowledge associated with, and is expected to be competent in, all of the skills of the EMR and EMT. This program follows the guidelines set by the National Scope of Practice Model and is designed to help prepare individuals for licensure as an Advanced Emergency Medical Technician by the Tennessee Department of Health, Division of Health Licensure and Regulation, Office of Emergency Medical Services.

**This certificate of credit may be covered by Financial Aid, including Tennessee Promise and Tennessee Reconnect.**

### Emergency Medical Technician Advanced Certificate of Credit

- EMSA 1111 - Advanced EMT Clinical 1 sem hr cr
- EMSA 1112 - Advanced EMT Field Internship 1 sem hr cr
- EMSA 1201 - Advanced EMT Medical Skills Lab 2 sem hrs cr
- EMSA 1202 - Advanced EMT Trauma and Medical Skills Lab 2 sem hrs cr
- EMSA 1501 - Advanced EMT Medical Emergencies 5 sem hrs cr
- EMSA 1502 - Advanced EMT Trauma and Medical Emergencies 5 sem hrs cr

Semester Hours Credit: 16

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

### Semester One - (16 credit hours)

- EMSA 1111 - Advanced EMT Clinical 1 sem hr cr
- EMSA 1112 - Advanced EMT Field Internship 1 sem hr cr
- EMSA 1201 - Advanced EMT Medical Skills Lab 2 sem hrs cr
- EMSA 1202 - Advanced EMT Trauma and Medical Skills Lab 2 sem hrs cr

- EMSA 1501 - Advanced EMT Medical Emergencies 5 sem hrs cr
- EMSA 1502 - Advanced EMT Trauma and Medical Emergencies 5 sem hrs cr

### **Emergency Medical Technician Certificate of Credit**

The EMT is an allied-health professional whose primary focus is to provide basic emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. The EMT functions as a part of a comprehensive EMS response, under medical oversight. The EMT renders life support to patients at the scene of their injuries or illnesses and prepares these patients for transport to the hospital. The EMT performs interventions with the basic and advanced equipment typically found on an ambulance. The EMT is a link from the scene into the health care system.

The EMT Program is delivered through a combination of classroom instruction (didactic and psychomotor) and clinical experience. Upon successful completion of the course, students are eligible to sit for the National Registry's written and practical examinations. Upon successful completions of examinations and other licensure requirements, the student will be eligible for the State of Tennessee EMT license.

**This certificate of credit may be covered by Financial Aid, including Tennessee Promise and Tennessee Reconnect.**

### Emergency Medical Technician Certificate

- EMSB 1101 - EMT Medical Skills Lab 1 sem hr cr
- EMSB 1102 - EMT Trauma and Medical Skills Lab 1 sem hr cr
- EMSB 1111 - EMT Clinical 1 sem hr cr
- EMSB 1112 - EMT Clinicals 1 sem hr cr
- EMSB 1601 - EMT Medical Emergencies and EMS Operations 6 sem hrs cr
- EMSB 1602 - EMT Trauma and Medical Emergencies 6 sem hrs cr

Semester Hours Credit: 16

### Recommended Full-Time Schedule (Fall or Spring Start)

The following is a recommended **full-time** schedule. Learning Support, pre-requisites, and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

Semester One - (16 credit hours)

- EMSB 1101 - EMT Medical Skills Lab 1 sem hr cr
- EMSB 1102 - EMT Trauma and Medical Skills Lab 1 sem hr cr
- EMSB 1111 - EMT Clinical 1 sem hr cr
- EMSB 1112 - EMT Clinicals 1 sem hr cr
- EMSB 1601 - EMT Medical Emergencies and EMS Operations 6 sem hrs cr
- EMSB 1602 - EMT Trauma and Medical Emergencies 6 sem hrs cr

### Emergency Medical Technician Certificate of Credit for High School Programs

#### EMT Certificate (Dual-Enrollment)

- EMSB 1503 - Fundamentals of Emergency Medical Technician for High School-Level Programs I 5 sem hrs cr
- EMSB 1504 - Fundamentals of Emergency Medical Technician for High School-Level Programs II 5 sem hrs cr
- EMSB 1303 - EMT Skills and Clinical Lab for High School-Level Programs I 3 sem hrs cr
- EMSB 1304 - EMT Skills and Clinical Lab for High School-Level Programs II 3 sem hrs cr

Semesters Hours Credit: 16

### Mechatronics Certificate of Credit

**Motlow State Community College offers the Mechatronics Technology Certificate for students interested in employment as a technician in an integrated multidisciplinary industrial environment. Instruction in mechatronics provides students with the knowledge and hands-on training in electronics, mechanics, and computers to work in a variety of industrial- and manufacturing-related businesses. The certificate offers employment preparation opportunities as well as the opportunity to upgrade and improve existing skills. Upon successful completion of the program, students will be afforded the opportunity to complete the Level 1 Certification Examination to become a certified Siemens Mechanics System Assistant.**

#### ADMISSION TO THE MOTLOW COLLEGE MECHATRONICS CERTIFICATE

- Apply and be accepted for admission to Motlow State Community College
- Submit the separate Mechatronic Program Application by established deadline

#### Mechatronics Certificate of Credit

- MECH 1310 - Electrical Components 3 sem hrs cr

- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr

Semester Hours Credit: 18

*DUAL/JOINT-ENROLLMENT PROGRAM REQUIREMENTS*

Any student seeking to enter the mechatronics certificate program must meet the dual/joint-enrollment criteria and have a recommendation by their instructor. Dual/Joint-enrollment students may be subject to additional entrance criteria on an as-needed basis and as established by the Department Lead.

**FALL START ONLY - Recommended Full-Time Schedule**

The following is a recommended schedule. Learning Support, pre-requisites and other academic factors may impact this schedule. See your advisor to create a degree plan.

GPS (Graduation Planning System), along with the correct catalog, should be utilized by students for all of their educational planning. Students can monitor their progress toward a degree or certificate and view missing requirements with the GPS audit, which is accessible through MyMotlow.

**Semester One (9 credit hours)**

- MECH 1310 - Electrical Components 3 sem hrs cr
- MECH 1320 - Mechanical Components and Electrical Drives 3 sem hrs cr
- MECH 1350 - Industrial Robotics 3 sem hrs cr

**Semester Two (9 credit hours)**

- MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits 3 sem hrs cr
- MECH 1340 - Digital Fundamentals and Programmable Logic Controllers 3 sem hrs cr
- MECH 2320 - Motor Control 3 sem hrs cr

**Supply Chain Management Certificate of Credit**

**Supply Chain Management Certificate of Credit**

- ADMN 1302 - Keyboarding/Formatting I 3 sem hrs cr



- BUSN 1305 - Introduction to Business 3 sem hrs cr
- INFS 1010 - Computer Applications 3 sem hrs cr
- LGM 130 - Introduction to Logistics and Supply Chain Management 3 sem hrs cr
- LGM 140 - Transportation 3 sem hrs cr
- LGM 180 - Sourcing and Procurement 3 sem hrs cr

**Semester Hours Credit: 18**

### **Technical Certificate of Credit Programs**

A certificate of credit program enables the college to provide a short-term program in a concentrated area of study as a means to acquire a specific body of knowledge and/or develop specific career skills. Certificate programs offer employment preparation opportunities and the opportunity to upgrade skills for those who are already employed. Courses successfully completed, and the credits earned as part of a certificate program, are acceptable toward an associate degree if the student wishes to continue their educational pursuits. The certificate programs are not designed for transfer to a four-year institution; however, the specific courses and hours completed as part of a certificate program may be used as part of a program of study that is intended for transfer. Certificate programs are available at Motlow in Mechatronics, Early Childhood Education, Emergency Medical Services, Customer Service, and Entrepreneurship.

Some certificates of credit may be eligible for financial aid. Check with the financial aid office to determine your eligibility.

## *Academic Departments and Support*

The educational programs at Motlow are planned and implemented by the nine academic departments in conjunction with the Academic Affairs Office. These departments are Business and Technology, Mechatronics, Education, Health Sciences, Humanities, Languages, Mathematics, Natural Science, and Social & Behavioral Sciences. They are complemented by Library Services, Testing Services, and a full array of academic support services.

Each semester, numerous credit courses are offered during the day, at night, on the weekends, online, or in accelerated format to meet the needs of students. These courses, which are described in other sections of this catalog, are available to full-time and part-time students at several locations. These flexible schedules make it possible to complete a degree through a variety of options.

The Honors Program provides a path to excellence for academically talented students who want to derive maximum benefit from their educational experience. The Honors curriculum helps students achieve their goals through interaction with other equally qualified students and highly motivated, qualified faculty. Any eligible student may take any honors course without committing to the Honors Program as a whole.

### **ACADEMIC DEPARTMENTS**

Motlow College is divided into nine academic departments and offers a variety of courses and programs for students who want to seek employment at the conclusion of one or two years of study as well as for students who plan to transfer to a four-year institution. Each department supports the general education core of the college with English, mathematics, natural science and social and behavioral sciences courses and readies the under-prepared students through the learning-support program when necessary. Certificates of Credit may be completed in the areas of customer service, mechatronics, early childhood education and EMT.

The instructional areas included within the individual departments are:

### **Business and Technology Department**

The Business and Technology Department provides students with an opportunity to pursue several different two-year programs of study that are designed to prepare individuals to enter the workforce or transfer to a four-year institution to acquire an undergraduate baccalaureate degree. Students are provided the option of pursuing a two-year Associate of Applied Science in one of four Business concentrations. Students are also provided the option of pursuing a two-year Associate of Science or Associate of Arts in several different business, computer science, information systems, and engineering transfer programs.

As part of the overall College, all of the Department's two-year programs of study are accredited by the Commission on Colleges of the Southern Association of Colleges and Schools; plus, all of the Department's two-year business and business-related programs of study are accredited by the Accreditation Council for Business Schools & Programs. Detailed information on the different majors and programs of study can be found at the Business and Technology Department online homepage.

- Accounting
- Business Administration
- Civil Engineering
- Computer Science
- Concrete Management
- Customer Service
- Cyber Defense
- Digital Agronomy
- Economics
- Electrical Engineering
- Entrepreneurship
- Finance
- Information Systems
- Marketing
- Mechanical Engineering
- Medical Office
- Sport & Leisure Management
- Supply Chain Management

## **Mechatronics**

The Mechatronics Department maintains several different programs, all focusing on preparing students for exciting careers in industry.

The Department offers a basic certification in Mechatronics and also an A.A.S. in Mechatronics Technology.

### **1. Mechatronics Certificate of Credit**

The basic certification in Mechatronics prepares the student to enter the workforce as an entry-level technician. The student is trained in basic skills needed in mechatronics and is given an understanding of troubleshooting and maintenance on complex systems. The student is prepared to enter the workforce as an entry-level systems operator/technician.

The student is also given an opportunity to sit for an international certification from Siemens Technical Academy. Siemens is a world leader in complex mechatronic integration equipment, and by obtaining this certificate, the student is obtaining a world-class certification.

## 2. Mechatronics Technology (A.A.S.)

The A.A.S. in Mechatronics Technology is a two-year program that builds on the basic certification courses. In addition to advanced mechatronic skills, the student is trained in process design and manufacturing design. At the completion of the program, the student has first-hand skills in mechatronic process design. The student is prepared to enter the workforce as a maintenance/engineering technician.

The student is also given an opportunity to sit for an international Level 2 certification from Siemens Technical Academy. In addition, the student can articulate to MTSU in the Mechatronic Engineering program.

## Education Department

The Education Department at Motlow State Community College offers coursework for students seeking any of the following:

- Elementary Education (K-5) (A.S.T.) TTP
- Early Childhood Education (Pre K-3) (A.S.T.) TTP
- Special Education (A.S.T.) TTP
- Secondary Education - Mathematics (A.S.T.) TTP
- Secondary Education - English (A.S.T.) TTP
- Secondary Education - Social Studies (A.S.T.) TTP
- Family and Consumer Science (A.S.) TTP
- Early Childhood Education Technical Certificate (24 hours)
- Early Childhood Education Technical Certificate (12 hours)

The Associate of Science in Teaching (A.S.T) degrees are offered for students who plan to transfer to a four year university and seek teacher licensure. The A.S.T. degree enables students to move directly into their junior year at most universities ready to apply for the teacher education program there. The A.S.T. degree does carry some additional requirements for graduation, including: obtaining a 2.75 GPA; completion of 3 disposition statements from instructors and a teacher in the field; a 21 on the ACT or successful completion of the PRAXIS CORE exam.

The Associate of Science (A.S.) Degree in Family and Consumer Studies is a Tennessee Transfer Pathway program for transfer into a university program.

The Associate of Applied Science (A.A.S.) degree in Early Childhood Education is offered for students who hope to work in a child care program or apply as an educational assistant in a public school pre K-3 program. While some courses within the degree program will transfer into a university program of study, the degree itself is not a transfer degree. The A.A.S. degree in Early Childhood Education at Motlow College is nationally accredited by the National Association for the Education of Young Children.

Motlow College also offers two certificate programs in Early Childhood Education. The 12 credit (4 courses) Basic Certificate in Early Childhood Education includes courses required to meet the education component for students seeking the nationally recognized CDA (Child Development Associate) credential. The 24 credit (8 courses) Advanced Certificate in Early Childhood Education includes just 4 courses in addition to the Basic Certificate. The Advanced Certificate

in Early Childhood Education functions as a technical certificate on the State Report Card for child care programs. Students who earn a certificate may be recognized at graduation.

Students taking education courses and some early childhood education courses are required to complete classroom observations in public schools. A background check is required prior to beginning classroom observations.

For detailed information pertaining to the Education Department, please visit the Education webpage.

## Health Sciences

The Health Sciences Department is comprised of the following degree and certificate programs:

- Nursing (A.A.S.)
- Paramedic (A.A.S.)
- Emergency Medical Paramedic Certificate of Credit
- Emergency Medical Technician Advanced Certificate of Credit
- Emergency Medical Technician Certificate of Credit
- Emergency Medical Technician Certificate of Credit for High School Programs
- Medical Laboratory Technology (A.A.S.)

*See below for more detailed information about Nursing, EMS, and MLT program requirements.*

### Nursing

The Nursing Program is designed to prepare individuals to be eligible to apply to take the National Council Licensure Examination for the Registered Nurse (NCLEX-RN). The four-semester curriculum provides learning opportunities which emphasize the application of the nursing core competencies which are: professional behaviors, communication, assessment, clinical decision making, caring interventions, teaching and learning, collaboration, and managing care of a diverse client population. Clinical activities are provided in campus classrooms, area hospitals, extended-care facilities, and other health and community agencies. While the majority of the clinical experiences are located within the College's eleven-county service area, additional travel is sometimes required. Students completing this program will be awarded an Associate of Applied Science (A.A.S.) degree. Articulation with a baccalaureate program of study is supported. *All changes in the nursing program are immediately implemented.*

#### *GENERAL ADMISSION TO THE NURSING PROGRAM*

##### **Application Procedure for the Two-Year Path Candidates**

- Apply and be fully accepted for admission to Motlow State Community College. (Students will declare Health Sciences as their major until accepted into the Nursing Program.)
- Submit all prior collegiate and high school transcripts to the Admissions and Records Department by the Nursing Program application deadline. It is the responsibility of the student to ensure that official transcripts have been received by the Admissions Department from all previously attended institutions. Incomplete or inaccurate transcripts will affect the student's ability to be admitted or retained within the program.

- Submit a nursing program application.
- The nursing program application is available beginning November 1st through MyMotlow on the college's website. Submission of applications to Motlow's nursing program ends at 4:30 p.m. (CST) on the last business day of January.

To access the nursing program application:

1. Log in to MyMotlow.
2. Click Student.
3. Click Applications for Nursing, Scholarships, Access and Diversity Grant.
4. Click Nursing Application, and complete the application.

Upon submission of an application, a confirmation email will be sent. Please print and retain this confirmation email. Nursing program applications received after the application deadline will not be considered.

All students applying to the nursing program:

- Take the HESI A2 entrance exam. The HESI entrance exam for Motlow includes these components: math, reading comprehension, vocabulary and general knowledge, grammar, and anatomy and physiology. The entrance exam will be administered in the Testing Center on designated dates at all campuses beginning in August and concluding in January.
- An official transcript of a student's HESI A2 score must be ordered and sent from Elsevier to nursingeducation@mscc.edu during the application timeline of November to January, if a HESI A2 entrance exam from a previous year or a HESI A2 entrance exam taken at another institution is used. Students should email a copy of the receipt from Elsevier showing the transcript order prior to the January 31st deadline. The HESI A2 entrance exam must have been taken within the past five years and contain the components required by Motlow. A confirmation email will be sent upon receipt of the HESI entrance exam.
- Receive notification of the student's acceptance and/or denial to the Nursing Program by electronic mail via the student's Motlow email account.

### **Selection Criteria for Two-Year Path Candidates**

To be considered for admission to the Nursing Program, the student must:

- Submit official high school transcripts or GED equivalent and official transcripts of all previous college work to the Department of Admissions and Records by the application deadline. Students who have earned a college degree from an accredited college/university are not required to submit a high school transcript.
- Satisfy any required Learning Support competencies prior to the application deadline to the Nursing Program as determined by the requirements specified in the Admission Requirements of the MSCC catalog.
- Have a 3.0 college grade point average on a 4.0 scale. Grade point average is calculated using only the required courses for the Nursing Program completed at the end of the fall semester prior to admission to the Nursing Program.
- Have a cumulative HESI A2 entrance exam score of 85% or higher.

**\*If required science courses are completed prior to admission to the Nursing Program, the courses must have been completed within five years of entering the Nursing Program, and a grade of "C" or greater must have been earned. If it has been over five years or a grade is less than a "C," the course will need to be retaken. If the required math course is taken prior to admission to the Nursing Program, a grade of "C" or greater must have been earned, or the course will need to be retaken.**

If changes to the selection criteria occur, they are implemented for all program applicants, regardless of the catalog year the person began at the College.

### **Calculation of Points for Two-Year Path Candidates**

HESI entrance exam – maximum points possible are 300 for a score of 100%. A percentage of points will be awarded for entrance exams less than 100%. For example, an entrance exam score of 85% will equate to 255 points ( $300 \times 0.85 = 255$ ).

Grade Point Average (GPA) – maximum points possible are 300 for a GPA of 4.0 calculated using the courses required by the Nursing Program. The GPA at the end of the fall semester prior to admission is used in the calculation. A percentage of points will be awarded for GPAs less than 4.0. For example, a GPA of 3.0 will equate to 225 points ( $3.0 / 4.0 = 0.75 \times 300 = 225$ ).

Quality Points – Quality points will be added to the student's point totals if the course has been completed by the end of the fall semester prior to admission to the Nursing Program.

BIOL 2010 with a grade of A or B: +25 points (must meet currency requirement)

BIOL 2020 with a grade of A or B: +25 points

ENGL 1010 with a grade of A or B: +25 points (Students who have advanced placement or advanced standing will also be awarded 25 points.)

MATH 1530 with a grade of A or B: +25 points

**\*\*If students take a required general education course more than three times within five years of application, they will lose 25 points per course from their totals points.\*\***

### **Selection of Students to the Nursing Program**

Selection for admission to the Nursing Program is based upon a point system with the most points possible being 675. Students are ranked on a selection list in numerical order with the students with the most points selected to fill the class.

Students admitted to the Nursing Program are required to attend a Nursing Program Orientation Session held in May to mid-June with the date, time, and location included in the admission email.

After the class is selected, the selection list converts to an alternate list and, if needed, candidates are selected from the alternate list in numerical sequence. Candidates who are not

selected will need to resubmit a Nursing Program application to be considered for admission in the next year.

### *LPN-TO-RN NURSING PROGRAM ADMISSION*

#### **Application Procedure for the One-Year Path Candidates**

- Apply and be accepted for admission to Motlow State Community College. (Students will declare Health Sciences as their major until accepted into the Nursing Program.)
- Submit all prior collegiate and high school transcripts to the Admissions and Records Department by the Nursing Program application deadline. It is the responsibility of the student to ensure that official transcripts have been received by the Admissions Department from all previously attended institutions. Incomplete or inaccurate transcripts will affect the student's ability to be admitted or retained within the program.
- Submit a Nursing Program application.
- The Nursing Program application is available beginning November 1st through MyMotlow on the College's website. Submission of applications to Motlow's Nursing Program ends at 4:30 p.m. (CST) on the last business day of January.

To access the Nursing Program application:

1. Log in to MyMotlow.
2. Click Student.
3. Click Applications for Nursing, Scholarships, Access and Diversity Grant.
4. Click Nursing Application, and complete the application.

Upon submission of an application, a confirmation email will be sent. Please print and retain this confirmation email. Nursing Program applications received after the application deadline will not be considered.

Students applying to the program must:

- Be a graduate of an accredited practical nurse program.
- Email a scanned copy of LPN licensure during the application timeline of November to January to the nursing program (email: nursingeducation@mscc.edu). A confirmation email will be sent upon receipt of the LPN license.
- Take the HESI RN Fundamentals exam. The HESI RN Fundamentals exam for Motlow will be administered by the Testing Center on designated dates at all campuses beginning in August and concluding in January.
- An official transcript of a student's HESI A2 score must be ordered and sent from Elsevier to nursingeducation@mscc.edu during the application timeline from November through January, if a HESI RN Fundamentals exam from a previous year or a HESI RN Fundamentals exam taken at another institution is to be used. Students should email a copy of the receipt from Elsevier showing the transcript order prior to the January 31st deadline. The HESI RN Fundamentals exam must have been taken within the past two years. A confirmation email will be sent upon receipt of the HESI RN Fundamentals exam.
- LPNs who graduated from a Tennessee College of Applied Technology (TCAT) within the last three (3) years and passed their LPN exit exam may substitute the LPN exit exam score for the HESI RN Fundamentals exam. Students wishing to exercise this option



must submit a copy of their TCAT transcript and have an official copy of their exit exam sent to nursingeducation@mscc.edu. LPNs who graduated more than three (3) years ago, did not pass their exit exam, or graduated from an institution other than TCAT must take the HESI RN Fundamentals exam.

- Receive notification of the student's acceptance and/or denial to the Nursing Program by electronic mail via the student's Motlow email account.

### **Selection Criteria for One-Year Path Candidates**

LPNs desiring to apply to the Nursing Program must:

- Have a 3.0 college grade point average on a 4.0 scale. Grade point average is calculated using only the required courses for the Nursing Program completed at the end of fall semester prior to admission to the Nursing Program.
- Satisfy any required learning support competencies prior to the application deadline to the Nursing Program as determined by the requirements specified in the Admission Requirements of the MSCC catalog.
- Complete BIOL 2010 and BIOL 2020 with a grade of "C" or better prior to beginning the LPN-RN Transition Course and within the past five years.
- Complete ENGL 1010, MATH 1530, and PSYC 1030 prior to beginning the LPN-to-RN Transition Course.
- Have a HESI Fundamentals exam score of 900 or higher. The conversion score will be used to award points.

**\*If required science courses are completed prior to admission to the Nursing Program, the courses must have been completed within five years of entering the Nursing Program, and a grade of "C" or greater must have been earned. If it has been over five years or a grade is less than a "C," the course will need to be retaken. If the required math course is taken prior to admission to the Nursing Program, a grade of "C" or greater must have been earned, or the course will need to be retaken.**

If changes to the selection criteria occur, they are implemented for all program applicants regardless of the catalog year the person began at the college.

### **Calculation of Points for One-Year Path Candidates**

HESI Nursing Fundamentals exam – maximum points possible are 300 for a conversion score of 100%. A percentage of points will be awarded for Fundamental exam less than 100%. For example, a conversion fundamental exam score of 85% will equate to 255 points ( $300 \times 0.85 = 255$ ).

Grade Point Average (GPA) – maximum points possible are 300 for a GPA of 4.0 calculated using the courses required by the Nursing Program. The GPA at the end of the fall semester prior to admission is used in the calculation. A percentage of points will be awarded for GPAs less than 4.0. For example, a GPA of 3.0 will equate to 225 points ( $3.0 / 4.0 = 0.75 \times 300 = 225$ ).

Quality Points - Quality Points will be added to the student's points if the course has been completed by the end of the fall semester prior to admission to the Nursing Program.

BIOL 2010 was a grade of A or B: +25 points (must meet currency requirement)

BIOL 2020 with a grade of A or B: +25 points

ENGL 1010 with a grade of A or B: +25 points (Students who have advanced placement or advanced standing will also be awarded 25 points.)

MATH 1530 with a grade of A or B: +25 points

**\*\*If students take a required general education course more than three times within five years of application, they will lose 25 points per course from their totals points.\*\***

### **Selection of LPN Students to the Nursing Program**

Selection for admission to the Nursing Program is based upon a point system with the most points possible being 675. Students are ranked on a selection list in numerical order with the students with the most points selected to fill the class.

LPN students admitted to the Nursing Program are required to attend a Nursing Program Orientation Session held in May with the date, time, and location included in the admission email.

After the class is selected, the selection list converts to an alternate list, and if needed, candidates are selected from the alternate list in numerical sequence. Candidates who are not selected will need to resubmit a Nursing Program application to be considered for admission in the next year.

Upon completion of the summer LPN-to-RN Transition Course, the student will receive seven credit hours for NRSG 1700 plus an additional 10 semester credit hours for NRSG 1710, NRSG 1720 and NRSG 1340.

### *GENERAL NURSING PROGRAM INFORMATION*

#### **Clinical Agency Requirements**

Upon acceptance to the Nursing Program, students are required to complete and submit all the clinical requirements, which include a criminal background and a drug screen, by a designated date before the beginning of the fall semester. A list of the requirements is given to the students at Nursing Program Orientation Session.

#### **Nursing Education Program Costs**

In addition to the fees of the College, students admitted to the Nursing Program may anticipate the following nursing costs:

Uniform and supplies		\$200
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Drug Testing & Background Check (Required annually)		\$75
American Heart Association Basic Life Support for Healthcare Providers CPR		\$50
Health Physical		\$100
Professional Liability Insurance (Annual Fee)		\$40-\$98
Textbooks (minimum)	First Year	\$1,200
	Second Year	\$300
HESI Competency Fee	First Year	\$72
	Second Year	\$90
Nursing lab fee		\$25
Licensing Exam Fees (Final Semester)		\$300
Nursing Pin (Final Semester)		\$50-\$150
NCLEX Review Course (recommended)		\$250-\$350

All fees listed above represent approximate costs and are subject to change without prior notice.

### **GRADING SCALE**

The Nursing Department at Motlow State Community College uses the following scale to determine grades for all Nursing Courses. Final grades for all NRSG courses are rounded to the hundredths, and the following scale is used to determine the letter grade:

90.00 to 100 A  
80.00 to 89.99 B  
77.00 to 79.99 C  
70.00 to 76.99 D  
69.99 and Below F

### **RETENTION STANDARDS**

Students must meet the following academic criteria for retention in the Nursing Program; failure to meet these criteria will **hinder progression in the program**:

- Maintain a cumulative GPA of 2.0.
- Make a grade of "C" or better in all biology, math, and nursing courses.
- Achieve satisfactory performance in both theory and clinical (campus nursing lab and clinical field experience).
- Complete the co-requisite courses for NRSG 1710, NRSG 1720 and NRSG 1340, NRSG 2730 and NRSG 1330, NRSG 2740, NRSG 1320, and NRSG 2240.

Students must meet performance criteria for retention in the Nursing Program. The following criterions are based upon the Core Performance Standards for Admission and Progression from the Southern Regional Education Board Council on Collegiate Education for Nursing. These performance criteria will be utilized in compliance with Section 504 of the Rehabilitation Act of 1973 and American Disabilities Act of 1990:

- Critical-thinking ability sufficient for clinical judgment
- Interpersonal abilities sufficient to interact with individuals, families, and groups from a variety of social, emotional, cultural, and intellectual backgrounds
- Communicative abilities sufficient for interaction with others in verbal and written form
- Physical abilities sufficient to lift 50 pounds, move from room to room, and maneuver in small spaces
- Gross or fine motor abilities sufficient to provide safe and effective nursing care
- Auditory ability sufficient to monitor and assess health needs
- Visual ability sufficient for observation and assessment necessary in nursing care
- Tactile ability sufficient for physical assessment
- Emotional stability sufficient to demonstrate good judgment in decision making, maintain safety and security of clients, and behave appropriately with clients, staff, and supervisors

#### *READMISSION STANDARDS*

Students who withdraw or fail from NRSG 1710 or NRSG 1700 and desire to re-enter must submit a new application and be reselected for admission into the Nursing Program.

Students enrolled in NURS 2420 who fail or withdraw and are readmitted will enroll in NRSG 2740 plus a Topics course as determined by faculty. The student will also enroll in NRSG 2240. The student will not be required to take NRSG 1320.

Students enrolled in NRSG 1720 and NRSG 1340, NRSG 2730 and NRSG 1330, and NRSG 2740, NRSG 1320, and NRSG 2240 must complete the co-requisite courses to progress in the program. Students may be eligible for readmission and re-enter the course(s) in which they were enrolled at the time of withdrawal or failure.

To be considered for readmission, a student must:

- Complete an exit interview form by the end of the semester in which the failure or withdrawal occurred. If the student exited the program at the completion of a semester, the exit interview and form must be completed no later than six weeks following the end of the semester.

- Submit a written request to the Director of Nursing three months prior to the term of desired readmission. Included in the request should be an explanation of factors that contributed to the unsuccessful initial attempt and actions taken to enhance chances for success if the opportunity for readmission were to be granted.
- Have a GPA of 2.0 or higher for all college-level courses at time of readmission.
- Observe the two-year currency on last nursing course completed at the time of readmission and a five-year currency on required sciences completed. Students must have completed all of the required general education courses listed in the program of study for the semester(s) prior to admission.

Students will be notified of their readmission status by letter from the Department of Nursing in a timely manner. Students not readmitted may apply again by resubmitting a request to enter the program following the aforementioned entry requirements/criteria.

#### *TRANSFER STUDENTS*

Students who wish to transfer to the Motlow Nursing Program from other collegiate-level nursing programs must:

- Submit a letter to the Director of Nursing requesting entry into the MSCC Nursing Program.
- Meet the transfer and admissions requirements of the College.
- Meet the same standards as MSCC students seeking readmission into the Nursing Program with the exception of the exit interview.
- Submit a letter from the Nursing Dean/Director of the school from which they are transferring giving information relative to the student's readmission status in that particular program.

Once these requirements have been met, transfer students are placed on a list along with the students requesting readmission in the order that their letters requesting entry are received.

Transfer students selected for admission are conditionally admitted pending satisfactory demonstration of designated nursing skills. The student will be provided with the critical elements required for the successful performance of the skills, and the student will be provided a scheduled practice time prior to the skill demonstrations. A nursing faculty will evaluate the skill demonstration. If a transfer student cannot demonstrate the skills successfully in two attempts with a remediation session between the first and second attempts, the transfer student will be prohibited from transferring into the Nursing Program.

#### *SELECTION OF READMISSION AND TRANSFER STUDENTS*

Students will be selected for readmission and transfer as classroom and clinical space allows. Students may not receive their preferred campus. Students will be notified of their readmission/transfer status in a timely manner by electronic mail via the students' Motlow email accounts.

The Order of Readmission Selection:

1. Motlow students who withdrew with documented extenuating circumstances. Extenuating circumstances must be clearly stated on the exit interview form in the student's folder.

2. Transfer students who meet the College's admission and Nursing Program criteria in the order that the letters requesting transfer were received.
3. Motlow students who failed their last nursing course or withdrew from the program because of low grades or disciplinary actions. The grade average in the nursing course at the time the student exited the program will be used to rank the group of students on the readmission list.
4. Transfer students with a history of academic failure, clinical failure, or misconduct in the program from which they are transferring.

#### *LIMITATIONS ON READMISSION*

Students who do not meet the clinical or campus nursing lab outcomes as defined by the course syllabus and withdraw from the Nursing course by the drop deadline, thereby receiving a "W" for the course, may be readmitted only once. A student with a second withdrawal due to unsatisfactory performance in clinical or campus nursing lab will not be readmitted.

Grades less than "C" in a nursing course must be retaken before a student can progress to a subsequent semester. Students who have received a grade of "D" or "F" in a required nursing course are considered to have failed the course. Failure of two required nursing courses during the same semester is considered one attempt, and the student is eligible to apply for transfer/readmission. A student who has received two grades of "D" or "F" in required nursing courses taken in separate semesters will not be eligible for transfer/readmission.

#### *COMPETENCY EXAMINATIONS*

Students are required to take competency exams during each semester of the Nursing Program. These nationally norm-referenced exams provide information on the student's knowledge acquisition and provide the experience of taking an exam similar to the format of the NCLEX-RN licensing exam.

#### *LICENSING EXAMINATION*

During the last semester of the program, students apply to take the National Council Licensing Exam – Registered Nurse (NCLEX-RN). Graduates of the Motlow Nursing Program may complete the NCLEX-RN for licensure as a registered nurse. Students selected to the program who have criminal records may upon graduation be ineligible for licensure as a registered nurse as determined by the Tennessee Board of Nursing.

### **Emergency Medical Services Education**

Motlow State Community College offers an Emergency Medical Technician Certificate for those students desiring a career as an EMT. The purpose of the program is to support the student's development and growth in the process of becoming a trained Emergency Medical Professional. These courses will provide learning experiences that enable the student to acquire knowledge needed to meet the healthcare needs of the communities in which they will work. They will be prepared to provide emergency care to the sick and injured.

The purpose of the EMS Education is to prepare an EMS professional who demonstrates the competencies necessary to assume the role of emergency personnel as defined by the Tennessee Department of Health, Division of Emergency Medical Services and to provide competent,

qualified candidates eligible for licensure to meet the needs of the college's eleven-county service area.

Classes are completed in an intense setting utilizing lecture, lab, and clinical training. Class size is limited and is filled on a first-to-qualify basis (EMT/AEMT). The Paramedic Program is filled in a selection process with limited class size.

Motlow State Community College offers four tracks of educational training in emergency medical services:

1. Emergency Medical Technician – Students take 16 credit hours which include fundamentals, skills, and clinical/field experience. Upon successful conclusion of the course, students may take the National Registry Exam to obtain national certification as an EMT.
2. Advanced Emergency Medical Technician – Students take 16 credit hours, which include fundamentals, skills, and clinical/field experience. Upon successful completion of the course, students may take the National Registry Exam to obtain national certification as an AEMT.
3. Paramedic - Students take 43 credit hours, which include fundamentals, skills, and clinical/field experience. The paramedic training is completed in three semesters. Upon successful completion of the training, the student is eligible to take the National Registry Exam to obtain national certification as an EMT-Paramedic.
4. A.A.S. in Paramedic - Students can take an additional 17 hours of General Education courses to complete the A.A.S. in Paramedic. These courses will allow the student to further their education in obtaining a college degree.

#### *EMT Certificate Program*

The EMT is an allied health professional whose primary focus is to provide basic emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. The EMT function as part of a comprehensive EMS response, under medical oversight. EMT perform interventions with the basic and advanced equipment typically found on an ambulance. The EMT is a link from the scene into the health care system.

### **Application Procedure for EMT**

#### **EMT Requirements**

1. Apply and be accepted for admission to Motlow State Community College.
2. Submit application for EMT training between May 1st and August 1st.
3. Schedule a meeting with the EMS Program Director.
4. Be admitted to the College.
5. Submit proof of medical malpractice insurance and health insurance, as required.
6. Complete a physical exam, along with all required vaccinations and/or titers.
7. Meet other admission requirements as stipulated in the Rules of the Tennessee Department of Health, Bureau of Health Licensure and Regulation, Office of Emergency Medical Services.

If changes to the application procedure or selection criteria occur, they are implemented for all program applicants regardless of the catalog year the person began at the college.

Students enrolled in the EMT training who plan to continue the next semester for the AEMT training should submit an application to the EMS Director only between October 1st and December 1st.

Students will be notified of admission by August 15th for EMT training and December 15th for AEMT training.

### **Clinical Agency Requirements**

A criminal background check, drug screen, proof of vaccinations or immunity, health insurance, malpractice insurance, American Heart Association BLS for HCP certification, TB skin test, flu vaccine, and a physical examination are required by clinical agencies for all students accepted into the EMS courses. For more specific information, students should refer to the EMS Handbook.

### **Costs for the EMT**

In addition to the fees of the college, students admitted to the EMT courses may expect the following costs:

Textbooks	\$180
*State EMS examination and application	\$125
*National Registry/Pearson VUE fee	\$140
Health Physical	\$100
Malpractice insurance	\$40
Uniform (2 per student)	\$300
Background checks	\$75
Testing Account	\$35
L1-Criminal Background Check	\$42
Drug Screen	\$25
FISDAP Account	\$15

### **Performance Criteria**



In compliance with the State of Tennessee EMS regulation 1200-12-1-13 and the Americans with Disabilities Act, all students admitted into the EMS training must, with reasonable accommodation, be able to:

1. Lift a minimum of 125 pounds.
2. Visually assess patients in the work environment and detect auditory clinical findings and unusual odors.
3. Communicate both verbally and in writing using the English language.
4. Make appropriate judgments in emergency situations.
5. Demonstrate emotional stability.
6. Demonstrate psychological health in day-to-day interactions with patients, crew members, and other personnel.

Once enrolled, students are required to submit documentation of the following:

1. Proof of health insurance
2. Background check and 10-panel drug screen
3. Completed physical examination form with required documentation (Ensure that the State of Tennessee form is signed by a licensed medical doctor. Please also ensure the health care provider's license number is included on the form.)
4. Proof of the following tests/immunizations/titers:
  - a. 2-step TB Skin Test and/or chest X-ray (< 3 months old); chest X-ray needed only if TB Skin Test is positive
  - b. Mumps, Rubella, and Rubeola (IGG) titer and/or 2 MMR immunizations if no immunity
  - c. Varicella Zoster (IGG) titer and/or 2 Varicella Zoster immunizations if no immunity
  - d. Seasonal flu immunization
  - e. Hepatitis B series immunizations and/or titer
  - f. Tdap
5. Current AHA BLS/HCP CPR card
6. Liability insurance

### *AEMT Certificate Program*

The AEMT is an allied health professional whose primary focus is to provide basic emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. The AEMTs function as part of a comprehensive EMS response, under medical oversight. AEMTs perform interventions with the basic and advanced equipment typically found on an ambulance. The AEMT is a link from the scene into the health care system.

### **Application Procedure for AEMT**

#### **AEMT Requirements**

1. Apply and be accepted for admission to Motlow State Community College.
2. Submit application for AEMT training between October 1st and December 1st.
3. Schedule a meeting with the EMS Program Director.

4. Be currently licensed as an Emergency Medical Technician in the State of Tennessee or have successfully completed an EMT education program within 120 days of beginning the Advanced EMT education program and have successfully completed a Tennessee-EMS-Board-approved EMT competency written and practical examination.
5. EMTs who have shown competency in basic knowledge and skills through completion of Board-approved written and practical examination and wish to progress to AEMT training without obtaining an EMT license shall submit evidence of good moral character (two letters of reference). Such evidence shall attest to the EMT's good moral character and be two recent (within the preceding 12 months) original letters from medical professionals attesting to the applicant's personal character. Preferably, one letter should be from a current employer, and the second letter should be a character reference. In the situation of unemployment, two character letters may be submitted. Family references will not be accepted.
6. A copy of the CPR healthcare provider level certificate must be submitted that includes one-person, two-person, infant, and child CPR.
7. Submit proof of medical malpractice insurance and health insurance as required.
8. Complete a physical exam, along with all required vaccinations and/or titers.
9. Meet other admission requirements as stipulated in the Rules of the Tennessee Department of Health, Bureau of Health Licensure and Regulation, Office of Emergency Medical Services.

If changes to the application procedure or selection criteria occur, they are implemented for all program applicants regardless of the catalog year the person began at the College.

Students enrolled in the EMT training who plan to continue the next semester for the AEMT training should submit an application to the EMS Director only between October 1st and December 1st.

Students will be notified of admission by August 15th for EMT training and December 15th for AEMT training.

### **Clinical Agency Requirements**

A criminal background check, drug screen, proof of vaccinations or immunity, health insurance, malpractice insurance, American Heart Association BLS for HCP certification, TB skin test, flu vaccine, and a physical examination are required by clinical agencies for all students accepted into the EMS courses. For more specific information, students should refer to the EMS Handbook.

### **Costs for the AEMT Courses**

In addition to the fees of the college, students admitted to the EMT and AEMT courses, may expect the following costs:

Textbooks	\$180
*State EMS examination and application	\$125

*National Registry/Pearson VUE fee	\$140
Health Physical	\$100
Malpractice insurance	\$40
Uniform (2 per student)	\$300
Background checks	\$75
Testing Account	\$35
L1-Criminal Background Check	\$42
Drug Screen	\$25
FISDAP Account	\$15

### **Performance Criteria**

In compliance with the State of Tennessee EMS regulation 1200-12-1-13 and the Americans with Disabilities Act, all students admitted into the EMS training must, with reasonable accommodation, be able to:

1. Lift a minimum of 125 pounds.
2. Visually assess patients in the work environment and detect auditory clinical findings and unusual odors.
3. Communicate both verbally and in writing using the English language.
4. Make appropriate judgments in emergency situations.
5. Demonstrate emotional stability.
6. Demonstrate psychological health in day-to-day interactions with patients, crew members, and other personnel.

Once enrolled, students are required to submit documentation of the following:

1. Proof of health insurance.
2. Background check and 10-panel drug screen.
3. Completed physical examination form with required documentation (Ensure that the State of Tennessee form is signed by a licensed medical doctor. Please also ensure the health care provider's license number is included on the form.)
4. Proof of the following tests/immunizations/titers:
  - a. 2-step TB Skin Test and/or chest x-ray (< 3 months old); chest x-ray needed only if TB Skin Test is positive
  - b. Mumps, Rubella, and Rubeola (IGG) titer and/or 2 MMR immunizations if no immunity
  - c. Varicella Zoster (IGG) titer and/or 2 Varicella Zoster immunizations if no immunity
  - d. Seasonal flu immunization

- e. Hepatitis B series immunizations and/or titer
- f. Tdap
- 5. Current AHA BLS/HCP CPR card
- 6. Liability insurance

## **Paramedic**

### ***PARAMEDIC CERTIFICATE***

The Paramedic is an emergency medical professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is the link from the scene into the health care system.

### **Application Procedure for Paramedic Certificate**

1. Apply and be accepted for admission to Motlow State Community College.
2. Possess an academic or equivalent high school diploma or general education (GED).
3. Paramedic courses require that applicants complete any required remedial or learning support coursework as required by the placement test or ACT scores.
4. Submit application for EMT-Paramedic training between December 1st and March 1st.
5. Submit two letters of reference. Preferably, one letter should be from a current employer and the second letter should be a character reference. In the situation of unemployment, two character letters may be submitted. Family references will not be accepted.
6. Be currently licensed as an Advanced Emergency Medical Technician in the State of Tennessee. Students must submit a copy of a current AEMT card to the Paramedic Program.
7. A copy of the CPR healthcare provider level certificate must be submitted that includes one-person, two-person, infant, and child CPR.
8. Applicant may be required to take a knowledge test if they have been out of AEMT for more than one calendar year.
9. Interview with the admissions screening committee as prescribed by the TN Department of Health-EMS division.
10. Complete the AEMT Exam.
11. Submit a copy of AEMT license.

### **Performance Criteria for Paramedic Certificate**

In compliance with the State of Tennessee EMS regulation 1200-12-1-13 and the Americans with Disabilities Act, all students admitted into the EMS training must, with reasonable accommodation, be able to:

1. Lift a minimum of 125 pounds.
2. Visually assess patients in the work environment and detect auditory clinical findings and unusual odors.
3. Communicate both verbally and in writing using the English language.

4. Make appropriate judgments in emergency situations.
5. Demonstrate emotional stability.
6. Demonstrate psychological health in day-to-day interactions with patients, crew members, and other personnel.

Once enrolled, students are required to submit documentation of the following:

1. Proof of health insurance
2. Background check and 10-panel drug screen
3. Completed physical examination form with required documentation (Ensure that the State of Tennessee form is signed by a licensed medical doctor. Please also ensure the health care provider's license number is included on the form.)
4. The student must have proof of the following tests/immunizations/titers:
  - a. 2-step TB Skin Test and/or chest x-ray (< 3 months old); chest x-ray needed only if TB Skin Test is positive
  - b. Mumps, Rubella, and Rubeola (IGG) titer and/or 2 MMR immunizations if no immunity
  - c. Varicella Zoster (IGG) titer and/or 2 Varicella Zoster immunizations if no immunity
  - d. Seasonal flu immunization
  - e. Hepatitis B series immunizations and/or titer
  - f. Tdap
5. Current AHA BLS/HCP CPR card
6. Liability insurance

The Paramedic degree program requires that students meet the following academic criteria for retention in the Paramedic Program:

- Maintain a cumulative GPA of 2.0.
- Make a grade of "C" or better in all math, science, and paramedic (EMSP) courses.
- Complete prerequisite courses as outlined in the course descriptions and college catalog. Failure to meet these criteria may hinder progression in the program.
- Costs for the Paramedic courses.

In addition to the fees of the College, students admitted to the Paramedic courses, may expect the following costs:

Textbooks	\$335
*State EMS licensure and application	\$175
*National Registry/Pearson VUE fee	\$110
Health Physical	\$100
Malpractice insurance	\$100

Uniform (2 per student)	\$350
Testing Account	\$60
Background checks	\$75
L1-Criminal Background Check	\$42
Drug Screen	\$25
FISDAP Account	\$80

\*These costs will be required at the end of the course when the student tests with the State of Tennessee.

### **Clinical Agency Requirements for the Paramedic Certificate**

A criminal background check, drug screen, proof of vaccinations or immunity, health insurance, malpractice insurance, American Heart Association BLS for HCP certification, TB skin test, flu vaccine, and a physical examination are required by clinical agencies for all students accepted into the EMS courses. For more specific information, students should refer to the EMS Handbook.

Students must complete the first three semesters of the program as outlined in the program of study. All other courses may be completed at the discretion of the student; however, a student must meet the program requirements as outlined in the catalog of the year admitted.

### **Selection Criteria for Entering the Paramedic Certificate Program**

Entry into the program will be established by a panel. You will proceed through a three-step process.

1. Interview – It is with a panel which includes faculty and surrounding members of the EMS community. You will be graded on the following criteria which are in accordance with EMS rules 1200-12-1-13:
  - EMS-related experience
  - Level of maturity and motivation
  - Level of knowledge
  - Ability to communicate
  - Poise
2. Complete EMT – Basic exam.
  - This is a basic exam that tests basic EMT skills to ensure the student is at a competent level. There is a minimum score to achieve; total scores will only be taken into account in the event of a tie between applicants.
3. Provide copy of EMT license and High school diploma/GED.

If changes to the application procedure or selection criteria occur, they are implemented for all program applicants regardless of the catalog year the person began at the College.

## **Graduation**

To successfully complete the Paramedic Program and establish eligibility for the licensure examination, students must:

- Meet all course and skill requirements as outlined in the student handbook
- Have a cumulative GPA of 2.0
- Discharge all financial obligations to Motlow State Community College
- Not be under investigation or subject to disciplinary action for violation of Program or College rules, regulations, or policies

## **Readmission to the Paramedic Certificate**

Students who withdraw from the Paramedic Program after successfully completing at least one semester of the program may apply for readmission. If a student withdraws from the program or fails, the student must submit a new application and undergo the selection process for acceptance into the Paramedic Program. Students who withdraw from or fail may be eligible for readmission and may re-enter the course in which they were enrolled at the time of withdrawal or failure.

Readmission will occur on a space- and resource-available basis.

To be considered for readmission, the student must:

1. Complete an exit interview with the EMS Program Coordinator and sign an Exit Interview Form by the end of the semester in which the failure, termination, or withdrawal occurred. If the student exited the program at the completion of a semester, the interview and form must be completed no later than six weeks following the end of the semester;
2. Submit a written request to the EMS Program Coordinator three months prior to the term of desired admission. Included in the request should be an explanation of factors that contributed to the unsuccessful initial attempt and actions taken to enhance chances for success, if the opportunity for readmission were to be granted;
3. Have a GPA of 2.0 or higher at time of readmission; and
4. Observe a two-year currency on last paramedic (EMSP) course completed.

The EMS Department will review each applicant for eligibility for readmission and prioritize applicants for readmission based on the following criteria:

1. MSCC students who withdrew with documented extenuating circumstances. Extenuating circumstances should be clearly stated on an Exit Interview Form.
2. MSCC students who failed their last paramedic (EMSP) course or withdrew from the program for any reason, including low grades or disciplinary actions. The grade average in the EMSP course at the time the student exited the program will be used to rank this group of students on the readmission list.

Students will be notified of their readmission status by a letter from the EMS Program Coordinator in a timely manner (the first week of August for fall semester and the first week of December for spring semester). Students not readmitted may apply again by resubmitting a request to enter the program following the aforementioned entry requirements/criteria.

### *A.A.S. IN PARAMEDIC*

The Paramedic is an emergency medical professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The Paramedic is the link from the scene into the health care system.

### **Application Procedure for Paramedic**

1. Apply and be accepted for admission to Motlow State Community College.
2. Possess an academic or equivalent high school diploma or general education (GED).
3. Paramedic courses require that applicants complete any required remedial or learning support coursework as required by the placement test or ACT scores.
4. Submit application for EMT-Paramedic training between December 1st and March 1st.
5. Submit two letters of reference. Preferably, one letter should be from a current employer, and the second letter should be a character reference. In the situation of unemployment, two character letters may be submitted. Family references will not be accepted.
6. Be currently licensed as an Advanced Emergency Medical Technician in the State of Tennessee. Students must submit a copy of a current AEMT card to the Paramedic Program.
7. A copy of the CPR healthcare provider level certificate must be submitted that includes one-person, two-person, infant, and child CPR.
8. Applicant may be required to take a knowledge test if the student has been out of AEMT for more than one calendar year.
9. Interview with the admissions screening committee as prescribed by the TN Department of Health-EMS division.
10. Complete the AEMT Exam.
11. Submit a copy of AEMT license.

If changes to the application procedure or selection criteria occur, they are implemented for all program applicants regardless of the catalog year the person began at the College.

### **Performance Criteria for A.A.S.**

In compliance with the State of Tennessee EMS regulation 1200-12-1-13 and the Americans with Disabilities Act, all students admitted into the EMS training must, with reasonable accommodation, be able to:

1. Lift a minimum of 125 pounds.
2. Visually assess patients in the work environment and detect auditory clinical findings and unusual odors.
3. Communicate both verbally and in writing using the English language.
4. Make appropriate judgments in emergency situations.
5. Demonstrate emotional stability.
6. Demonstrate psychological health in day-to-day interactions with patients, crew members, and other personnel.



Once enrolled, students are required to submit documentation of the following:

1. Proof of health insurance
2. Background check and 10-panel drug screen
3. Completed physical examination form with required documentation (Ensure that the State of Tennessee form is signed by a licensed medical doctor. Please also ensure the health care provider's license number is included on the form.)
4. Proof of the following tests/immunizations/titers:
  - a. 2-step TB Skin Test and/or chest x-ray (< 3 months old); chest x-ray is needed only if TB Skin Test is positive
  - b. Mumps, Rubella, and Rubeola (IGG) titer and/or 2 MMR immunizations if no immunity
  - c. Varicella Zoster (IGG) titer and/or 2 Varicella Zoster immunizations if no immunity
  - d. Seasonal flu immunization
  - e. Hepatitis B series immunizations and/or titer
  - f. Tdap
5. Current AHA BLS/HCP CPR card
6. Liability insurance

The Paramedic degree program requires that students meet the following academic criteria for retention in the Paramedic program:

- Maintain a cumulative GPA of 2.0.
- Make a grade of "C" or better in all math, science, and paramedic (EMSP) courses.
- Complete prerequisite courses as outlined in the course descriptions and college catalog. Failure to meet these criteria may hinder progression in the program.

### **Costs for the Paramedic Courses**

In addition to the fees of the college, students admitted to the Paramedic courses may expect the following costs:

Textbooks	\$335
*State EMS licensure and application	\$175
*National Registry/Pearson VUE fee	\$110
Health Physical	\$100
Malpractice insurance	\$100
Uniform (2 per student)	\$350
Testing Account	\$60

Background checks	\$75
L1-Criminal Background Check	\$42
Drug Screen	\$25
FISDAP Account	\$80

\*These costs will be required at the end of the course when the student tests with the State of Tennessee.

### **Clinical Agency Requirements**

A criminal background check, drug screen, proof of vaccinations or immunity, health insurance, malpractice insurance, American Heart Association BLS for HCP certification, TB skin test, flu vaccine, and a physical examination are required by clinical agencies for all students accepted into the EMS courses. For more specific information, students should refer to the EMS Handbook.

### **Selection Criteria for Entering the Paramedic Program A.A.S.**

Entry into the program will be established by a panel. You will proceed through a three-step process

1. Interview – It is with a panel which includes faculty and surrounding members of the EMS community. You will be graded on the following criteria which are in accordance with EMS rules 1200-12-1-13:
  - EMS-related experience
  - Level of maturity and motivation
  - Level of knowledge
  - Ability to communicate
  - Poise
2. Complete EMT – Basic exam
  - This is a basic exam that tests basic EMT skills to ensure the student is at a competent level. There is a minimum score to achieve; Total scores will only be taken into account in the event of a tie between applicants.
3. Provide copy of EMT license and High school diploma/GED.

### **Graduation**

To successfully complete the Paramedic Program and establish eligibility for the licensure examination, students must:

- Meet all course and skill requirements as outlined in the student handbook
- Have a cumulative GPA of 2.0
- Discharge all financial obligations to Motlow State Community College
- Not be under investigation or subject to disciplinary action for violation of Program or College rules, regulations, or policies

### **Readmission to the A.A.S. Degree**

Students who withdraw from the paramedic program after successfully completing at least one semester of the program may apply for readmission. If a student withdraws from the program or fails the student must submit a new application and undergo the selection process for acceptance into the paramedic program. Students who withdraw from or fail may be eligible for readmission and may re-enter the course in which they were enrolled at the time of withdrawal or failure.

Readmission will occur on a space- and resource-available basis.

To be considered for readmission, the student must:

1. Complete an exit interview with the EMS Program Coordinator and sign an Exit Interview Form by the end of the semester in which the failure, termination, or withdrawal occurred. If the student exited the program at the completion of a semester, the interview and form must be completed no later than six weeks following the end of the semester;
2. Submit a written request to the EMS Program Coordinator three months prior to the term of desired admission. Included in the request should be an explanation of factors that contributed to the unsuccessful initial attempt and actions taken to enhance chances for success if the opportunity for readmission were to be granted;
3. Have a GPA of 2.0 or higher at time of readmission; and
4. Observe a two-year currency on last paramedic (EMSP) course completed.

The EMS Department will review each applicant for eligibility for readmission and prioritize applicants for readmission based on the following criteria:

1. MSCC students who withdrew with documented extenuating circumstances. Extenuating circumstances should be clearly stated on an Exit Interview Form.
2. MSCC students who failed their last paramedic (EMSP) course or withdrew from the program for any reason, including low grades or disciplinary actions. The grade average in the EMSP course at the time the student exited the program will be used to rank this group of students on the readmission list.

Students will be notified of their readmission status by a letter from the EMS Program Coordinator in a timely manner (the first week of August for fall semester and the first week of December for spring semester). Students not readmitted may apply again by resubmitting a request to enter the program following the aforementioned entry requirements/criteria.

### **Medical Laboratory Technology**

Medical Laboratory Technology (also known as Clinical or Medical Laboratory Science) is a profession which combines the challenges and rewards of both medicine and science. Medical Laboratory Technicians perform a wide range of laboratory tests, which help to monitor patient health, provide diagnostic evidence of diseases, and aid in patient prognosis. Medical laboratory science is a dynamic, specialized profession that continually changes as new medical knowledge is acquired.

The Medical Laboratory Technology Program is designed to prepare students to enter the workforce as generalist Medical Laboratory Technicians (MLTs). Students learn the theory and principles behind clinical laboratory testing and learn to correlate the results with patients'

conditions. Students also earn general education credits including science, math, humanities and communications which lead to an Associate of Applied Science (A.A.S.) Degree.

#### **ADMISSION INTO THE MLT PROGRAM**

Admission to the program is limited and on a competitive basis. Screening for fall-semester (August) entry into the program is conducted in May. Eligible candidates must participate in the screening process and meet the following criteria:

1. Meet all College general requirements for admission as a degree-seeking student and be admitted to the College. (Students will declare Health Sciences as their major until admitted to the MLT program.
2. Complete all required Learning Support courses by the end of the fall semester prior to the year in which admission is sought.
3. Have earned a cumulative grade point average (GPA) of 2.50 or above on a 4.00 scale for academic subjects.
4. Complete (or be currently enrolled in) BIOL 2020 Human Anatomy and Physiology II and MLAB 1301 Intro to Medical Lab Technology and *either* BIOL 2230 Microbiology *or* CHEM 1010 - Introduction to Chemistry, and complete these courses with a grade of "C" or better.  
with a grade of "C" or better in each course.
5. Complete the general education and elective courses by the end of the spring or summer semester in the year admission is sought.
6. Essential Functions, as prescribed by professional organizations in the field of laboratory science, represent the non-academic requirements of the program that all students must master to successfully participate in the program and become employable. Before beginning the MLT Program, all students are expected to have the following abilities upon which the program can build:
  - A. Vision: Read and interpret charts, graphs, and labels; read and interpret instrument panels and printouts; discriminate colors, hue, shading or intensity and clarity; read microscopic material and record results
  - B. Speech and Hearing: Communicate effectively (in English) and sensitively in order to assess non-verbal communication; adequately and accurately transmit information; follow verbal or written communication; have clarity of speech, especially if English is not one's first language
  - C. Motor Functions: Possess all skills necessary to carry out diagnostic procedures; manipulate tools, instruments and equipment; perform phlebotomy safely and accurately; travel to a clinical site for clinical experience
  - D. Behavioral Requirements: Possess the emotional health required for full utilization of applicant's intellectual abilities; be able to recognize emergency situations and take appropriate action
  - E. Physical Requirements: Complete fine repetitive hand movements; twist and bend; handle flammable and infectious materials; handle hazardous chemicals

and electrical equipment; lift 10 pounds; maintain prolonged sitting or standing positions; maintain concentration with distracting noises and close proximity to fellow workers; tolerate unpleasant odors; work in buildings either above or below ground level; work in an environment without windows; perform keyboarding

- F. Critical Thinking: Appropriately and accurately perform complex interpretative testing.
  - G. Professionalism: Maintain a professional attitude and appearance as described in the MLT Student Handbook
7. In compliance with the American with Disabilities Act, students are encouraged to register with the office of Disability and Testing Services for possible assistance with accommodations. It is the student's responsibility to voluntarily and confidentially provide appropriate documentation regarding the nature and extent of a disability. Students requesting accommodation are encouraged to contact the office of Disability and Testing Services at the beginning of the semester. Students may contact the director of Disability and Testing Services at (931) 393-1765 or (615) 220-7857.
  8. Apply to the MLT Program by completing the online MLT Application Form. Applications must be submitted online no later than the May 1st deadline to be considered for the MLT program beginning in August.
  9. Complete and submit all application screening documentation and documented review of the MLT Student Handbook by the May 1st deadline.
  10. Pass a background check and drug screen before official admission into this Program. The background check must be completed ten business days before the start of the first MLT fall course. Students will also need to pass a drug screen before being placed at clinical sites.

*Completion of all items listed above denotes consideration during the selection and notification process but in no way implies or guarantees admission to the Program.*

#### **SELECTION AND NOTIFICATION**

The following are used to determine program eligibility and acceptance:

- submission of program application by the May 1st deadline
- completion of all general education, prerequisite science (including MLAB 1301) and elective courses by the end of the "Year 1" spring (or summer) semester.
- completion of specified prerequisite/core courses with a "C" or better
- minimum GPA of 2.50
- completion of all application screening materials by the May 1st deadline

Applications submitted on time will be reviewed and scored based on eligibility and submitted application screening materials. Ten to twelve students are accepted each year into the MLT Program. Students will be notified of acceptance through MSCC e-mail. Following acceptance into the program, students must respond in writing within 10 days after the receipt date of their acceptance notification. A student who fails to respond will forfeit his/her place in the class.

## *GENERAL PROGRAM INFORMATION*

### **Clinical Affiliate Requirements**

A criminal background check, drug screen, physical examination, health insurance, general and professional liability insurance, TB skin test, current influenza vaccination, evidence of immunity (positive titers) for rubella, varicella-zoster (chicken pox), rubeola, tetanus/diphtheria (booster within the past ten years), and Hepatitis B are required by clinical affiliates for all students admitted to the MLT Program. For more specific information, students should refer to the MLT Student Handbook.

### **Professional Conduct**

Students accepting admission into the Motlow State Community College MLT Program commit themselves to the generally accepted ethics of the healthcare field and of the clinical laboratory science profession. Students will conduct themselves professionally, following the American Society for Clinical Pathology Board of Certification Guidelines for Ethical Behavior and the MLT Program policies. Unethical conduct by a student is cause for dismissal from the Motlow State Community College MLT Program. For more specific information, students should refer to the MLT Student Handbook.

### **Program Costs**

In addition to the fees of the college, students admitted to the MLT program may anticipate the following costs:

<b>Books</b>	
Fall semester	\$450.00
Spring semester	\$275.00
Summer semester	\$200.00
<b>Clinical costs</b>	
Physical examination	\$100.00
Disease screening (titers)	\$ 80.00
Hepatitis B immunization and titer	\$250.00
Measles, Mumps, Rubella Vaccination	\$ 70.00
Chicken Pox Vaccination	\$125.00
Tuberculosis (TB) screen	\$ 17.00

Color Blindness test	possibly no cost
Malpractice Liability Insurance	\$40.00 – \$100.00
Health Insurance	T.B.D. by provider
Background check	\$ 75.00
Drug screen test-10 panel	\$ 40.00
Professional dress/scrubs	\$200.00
<b>Professional Fees</b>	
LabCE	\$ 70.00

National Board Certification exam (only one of the following is required):

ASCP BOC	\$200.00
AMT	\$160.00
AAB	\$235.00
State Professional License	\$60.00
State Background check	\$45.00
Graduation Pin	\$10.00

*All fees listed above represent approximate costs and are subject to change without prior notice.*

**RETENTION STANDARDS**

The Associate of Applied Science degree in Medical Laboratory Technology is an accelerated program of study. It is a nontraditional course of study, so hours of study and length of semesters may not parallel Motlow State Community College semesters, holidays, and/or breaks. Students are enrolled in the MLT training for a period of twelve months in order to meet requirements of the program and to fulfill requirements of the Associate of Applied Science Degree.

Students must meet the following academic and professional criteria for retention in the MLT program; failure to meet these criteria will hinder progression in the program and may result in dismissal from the program:

1. Earn a grade of "C" or better in all MLAB courses.
2. Earn a grade of "C" or better on each rotation exam and receive a "B" on each clinical evaluation in order to progress to the next rotation or to successfully complete the program.
3. Pass all pre-clinical skills competency assessments.
4. Maintain professional and lawful conduct as outlined in the MLT Student Handbook.
5. Maintain evidence of uninterrupted medical insurance coverage in designated program/institutional offices.

### *READMISSION TO THE MLT PROGRAM*

Students must meet with the Program Director as soon as possible to begin the readmission process. Students must reapply to the Program Director in writing, show an overall GPA of 2.50, and be approved for readmission by Program faculty. Request for readmission does not guarantee readmission. With the exception of the MLAB 1301 introduction course, competency in all previously taken MLAB courses must be demonstrated upon readmission to the Program. Auditing previously taken MLAB courses may be part of the demonstration of competency. Course work must be completed within a maximum of 5 years from the original admission date.

### *COMPETENCY ASSESSMENT*

Competency in medical laboratory basic skills is evaluated at several times throughout the program.

Pre-clinical Skills Competency Assessments are conducted throughout the didactic/student laboratory curriculum before clinical rotations begin. These assessments are part of the didactic course grades. Inability to successfully complete any competency assessment will result in academic dismissal from the program.

Competencies are also monitored during clinical practicums through observation, checklists, and performance evaluations. Competencies are evaluated by instructors at clinical sites according to defined criteria.

For more specific information, students should refer to the MLT Student Handbook.

### *CERTIFICATION AND LICENSURE*

#### **Certification**

Graduates of the Motlow State Community College MLT Program will be eligible to test for certification as clinical laboratory professionals by three national certifying agencies. Graduating from the MSCC MLT Program is NOT contingent upon passing a certification exam. Graduates must have completed all degree requirements for the A.A.S. in Medical Laboratory Technology in order to be eligible to take certification examinations. Once students have completed these requirements, they may contact the following agencies regarding testing:

American Association of Bioanalysts (AAB)  
906 Olive Street



St. Louis, Missouri 63101-1434  
(314) 241-1445  
[www.aab.org](http://www.aab.org)

American Medical Technologists (AMT)  
710 Higgins Road  
Park Ridge, Tennessee 60068-5765  
(847) 823-5169  
[www.americanmedtech.org](http://www.americanmedtech.org)

American Society for Clinical Pathology  
Board of Certification  
P.O. Box 12277  
Chicago, Tennessee 60612-0277  
(312) 738-1336  
[www.ascp.org](http://www.ascp.org)

## **Licensure**

Graduates of the Motlow State Community College MLT Program meeting the criteria of the State of Tennessee Medical Laboratory Board will be eligible to apply for a medical laboratory technician license. Students may obtain an application by contacting the Medical Laboratory Board:

Medical Laboratory Board  
Metro Center Complex  
665 Mainstream Drive  
2nd Floor  
Nashville, TN 37243  
(615) 532-3202  
<https://www.tn.gov/health/health-program-areas/health-professional-boards/medlab-board.html>

## ***GRADUATION REQUIREMENTS***

To earn the Associate of Applied Science Degree at Motlow State Community College, students must do the following:

1. Complete curriculum requirements for the MLT Program
2. Complete a minimum of twenty-five percent (25%) of coursework in residence at Motlow State Community College
3. Earn at least a grade point average (GPA) of 2.00 in all MLAB courses
4. Earn a cumulative GPA of not less than 2.00 ("C" average) for the degree program excluding all hours earned in learning support courses
5. Meet all Learning Support course requirements and have all high school deficiencies removed

6. File an Intent to Graduate form and Cap and a Gown Measurement form with the Office of Admissions and Records no later than the following dates (for anyone who plans to receive a degree in May, August, or December of the current academic year):  
*Spring Semester* - March 15  
*Summer Semester* - July 1  
*Fall Semester* - November 2
7. Students who complete requirements by August should plan to participate in graduation the preceding May. Those who will not complete degree requirements until the fall term must wait until the following spring to take part in the graduation ceremony.
8. **REQUIRED STUDENT ASSESSMENT AND PROGRAM EVALUATION:** All graduating students are required to take the ETS Proficiency Profile test designed to measure general education achievement, and graduates of career programs are required to take competency tests applicable to the chosen major for the purpose of evaluation of the career program, as required by public policy. Unless otherwise provided for in any individual program, no minimum score or level of achievement is required for graduation. Participation in testing is required for all graduating students. In order to comply fully with this provision, the student must authorize the release of his or her scores to Motlow College. Individual student scores will be treated as confidential.

## Humanities Department

The Humanities Department provides instruction in the areas of Art, College Readiness, Mass Communications, Music, Speech, and Theatre. The commitment of the Department is threefold:

- Prepare students for successful transfer to four-year institutions
- Prepare enrichment and exposure through cultural experiences
- Promote the arts for students and the community

The Humanities Department supports the General Education core curriculum by providing the Fundamentals of Communication course, in which all students who plan to transfer must enroll. The Humanities requirement of the core curriculum is also met by enrollment in any of the following: Introduction to Art, Introduction to Music, Introduction to Theatre, Art History Survey I, or Art History Survey II.

The Department offers a basic foundation in communication and the arts in speaking, singing, playing instruments, painting, drawing, and acting. Students may enter one of three programs of study which prepare them for transfer to a four-year institution.

The Art (Studio) (A.A.) TTP at Motlow prepares the student for transition into art programs at TBR and other four-year universities.

The Mass Communications (A.A.) TTP and Mass Communications (A.S.) TTP provide a core of transferable courses to enable the student to enter a four-year program in any area of Mass Communication studies.

The Speech and Theatre (A.S.) prepares the student to enter a four-year program of study in speech communication or theatre.

Theatre involves students in performances in contemporary and classical drama and musicals and also provides experience in children's drama. The curriculum in Speech and Theatre includes the following:

- THEA 1030 Introduction to Theatre
- THEA 2020 Children's Drama

Although there is no area of emphasis in Music, students may participate in music performances and concerts and may enroll in a variety of courses, including the following:

- MUS 1030 Introduction to Music
- MUS 1021 Choir
- MUS 1141 Band Ensemble

Students who plan to transfer in any area of study in the Humanities Department should seek an advisor in the desired area of emphasis for careful advisement.

## Languages Department

- English
- Spanish
- French

Collegiate-level English courses at Motlow are designed to meet the needs of students who wish to enter careers immediately as well as students who are pursuing more broad-based liberal arts or technical curricula which lead to transfer into four-year degree programs. The freshman composition sequence (ENGL 1010 and ENGL 1020) is required of all degree-seeking students. The freshman composition courses and sophomore literature courses have been carefully sequenced to build on particular skills, hence the carefully structured prerequisite requirements. Students may also follow the Honors sequence of English offerings. (Please see the Honors English explanation below.) Other elective offerings in English include Creative Writing, Literature of the South, Children's Literature, and Topics in English.

### **PROGRESSION STANDARD FOR COMPLETING THE ENGLISH REQUIREMENT**

A first-time college student who is registering as a full-time student (12 or more semester hours) must register for the appropriate English course (basic, developmental, or collegiate) within the full-time load during the first semester of attendance and remain in an English course each semester until the appropriate English requirement is completed.

### **PLACEMENT IN ENGLISH COURSES**

Students who are under 21 years of age and have ACT English sub-scores of 17 or below will be placed in a learning support writing course according to the Placement Chart located in the Learning Support Assessment and Placement Procedures section of this Catalog. Students may challenge their placements by taking the writing portion of the ACCUPLACER test, the scores of which override ACT placement. New students who are 21 years of age or older must take the writing portion of the ACCUPLACER test unless they have valid ACT English sub-scores whereby they will be placed according to guidelines that apply to students under 21 years of age.

### **ADVANCED STANDING CREDIT IN ENGLISH**

Students under 21 years of age with an ACT sub-score in English/Writing of 27 to 30 or an SAT sub-score in Writing of 610 to 680 will be given 3 hours of advanced standing credit for ENGL 1010. Students under 21 years of age with an ACT sub-score in English/Writing of 31 or an SAT

sub-score in Writing of 690 or higher will be given 6 hours of advanced standing credit for ENGL 1010 and ENGL 1020. The maximum amount of advanced credit allowed from all advanced credit sources, which includes advanced standing credit in English, is 30 credit hours required for graduation.

Any student possessing the above score who elects to enroll in composition rather than receive advanced standing credit is encouraged to enroll in ENGL 1010 English Composition I – Honors and ENGL 1020 English Composition II – Honors.

## Mathematics Department

Courses in mathematics are provided to help students think critically and precisely while strengthening their quantitative reasoning abilities both in and out of the classroom.

### **PLACEMENT IN MATHEMATICS COURSES**

Students deficient in algebra are required to take the math portion of the ACCUPLACER test unless they have either a valid ACT composite score of 26 or greater, a valid ACT Mathematics sub-score of 19 or greater, or a valid passing ACCUPLACER Mathematics sub-score. Successful performance on the ACCUPLACER examination meets the requirements for removal of the deficiency in this subject area. If ACCUPLACER assessment indicates deficiency based on existing cutoff scores, the student will be required to enroll in a Learning Support mathematics course(s). Successful completion of required Learning Support mathematics course(s) meets the requirements for removal of the deficiency in this subject area.

### **ASSESSMENT AND PLACEMENT IN MATHEMATICS COURSES**

Beginning in 1985, all Tennessee Board of Regents colleges, universities, and technology centers implemented the Developmental Studies Program, now referred to as Learning Support, as a condition for enrollment. The purposes of the program are to identify students who are under prepared for college-level studies, provide instruction to address deficiencies, and prepare students for entry into the college-level curriculum.

Listed below are applicant categories subject to assessment/placement provisions in mathematics:

1. Students who are under 21 years of age whose ACT mathematics sub-scores are 19 or greater are eligible to enroll in college-level mathematics courses without assessment/placement providing they have met high school criteria under the 1989 admission requirements. See above for information on removing high school deficiencies in mathematics.
2. Students who are under 21 years of age whose ACT mathematics sub-scores are 18 or below are placed into Learning-Support-level math courses according to the Placement Chart located in the Learning Support Assessment and Placement Procedures section of this Catalog.
3. All new students who are 21 years of age or older on the first day of classes of their admitting term and who seek regular admission must take the math portion of the ACCUPLACER unless they present valid ACT sub-scores in mathematics. They will then be placed according to the Learning Support Assessment and Placement Procedures section of the Catalog.

4. Returning/readmit, transient, and transfer students who have not previously taken the ACCUPLACER test in mathematics or who have not previously earned credits in mathematics must also take the mathematics portion of the ACCUPLACER test unless exempt by ACT scores or a valid passing ACCUPLACER Mathematics score. Students who have previously taken the AAPP test must retake the math portion if the previous test scores are three or more years old and if the students have not completed their requirements at the admitting institution or any other TBR institution. Students who have not met applicable 1989 admission requirements must follow the 1989 admission requirements as outlined above.

All students who earned high school equivalency diplomas through GED or HiSet testing must take the mathematics portion of the ACCUPLACER test.

Assessment results indicate whether students are eligible to enroll in college-level mathematics courses or must enroll in learning support courses. Students may not register for learning support courses without being assessed. College-level mathematics courses are denoted with MATH discipline code and have course numbers greater than 1000.

### **PROGRESSION STANDARD FOR COMPLETING THE DEVELOPMENTAL MATHEMATICS REQUIREMENT**

All mathematics courses (both Learning Support and collegiate) carry the prerequisite condition that a student be exempt from or have successfully completed Learning Support Reading and Learning Support Writing. Providing course eligibility standards are met, a first-time college student requiring Learning Support mathematics who is registering as a full-time student (12 or more semester hours) must register for the appropriate learning support course(s) within the full-time load during the first semester of attendance and remain in a mathematics course each semester until the appropriate learning support mathematics requirement is completed.

### **DOCUMENTED ELIGIBILITY FOR COLLEGIATE MATHEMATICS**

"Documented eligibility for collegiate mathematics" is a prerequisite for every college-level mathematics course and for selected courses in other disciplines for which mathematics skills are necessary. This eligibility is based upon the provisions of the Learning Support program as described above. The documentation for entry into collegiate mathematics will be in the form of one of the following:

1. Appropriate ACT sub-scores which permit enrollment into collegiate-level mathematics
2. Sufficiently high scores on ACCUPLACER mathematics examinations to place at the collegiate level in mathematics
3. Successful completion of learning support courses required as a result of ACCUPLACER test performance

### **SELECTION OF COLLEGIATE MATHEMATICS COURSES TO MEET GENERAL EDUCATION REQUIREMENTS**

Mathematics courses identified in each major and area of emphasis are recommended by the mathematics faculty, but other courses may be appropriate to meet the general education requirement. Students choosing mathematics courses to meet the general education requirement in the University Parallel major should select courses appropriate for the baccalaureate-granting institution and the major which they intend to pursue after graduating

from Motlow College. If there is doubt about the proper choice of courses, see a member of the mathematics faculty.

Courses in the mathematics discipline are developed to encourage students to understand the methods of assimilating information using mathematical, quantitative, and information-processing skills, to promote development of skills which may contribute to career opportunity and success, and to provide the basis and foundation upon which a major in a mathematics-related field may be built.

## Natural Science Department

The Natural Science Department offers a group of courses designed to provide students a broad knowledge in areas such as health/disease, the human body, nature, the environment, and the chemical/physical workings of the world. In addition, they provide preparation for careers in fields such as nursing, education, research, industry, and various pre-professional healthcare areas.

- Agriculture
- Biology
- Chemistry
- Fermentation
- Physics
- Pre-Clinical Lab Services
- Pre-Health Professions
- Pre-Occupational Therapy
- Pre-Physical Therapy

## Social & Behavioral Sciences Department

The Social & Behavioral Sciences Department offers college courses comprising the academic disciplines of Anthropology, Criminal Justice, Geography, History, Interdisciplinary Studies, Political Science, Psychology, Sociology, and Social Work. A wide variety of honors classes are offered as well. Courses are available in conventional on-ground, fully online, interactive television, ACE, and hybrid formats. These courses are aligned to meet the Tennessee Transfer Pathway (TTP) Social/Behavioral Sciences requirements and the Tennessee Board of Regents general education goals for social/behavioral sciences, which include:

- a. to develop in the student an understanding of self and the world by examining the content and process used by social and behavioral sciences to discover, describe, explain, and predict human behavior and social systems;
- b. to enhance knowledge of social and cultural institutions and the values of society and other societies and cultures in the world; and
- c. to understand the interdependent nature of the individual, family, and society in shaping human behavior and determining quality of life.

The Social & Behavioral Sciences Department offers the following Tennessee Transfer Pathways (see <http://www.tntransferpathway.org/> and <https://www.motlow.edu/academics/programs/social-and-behavioral-sciences/index.html>):

- Criminal Justice Administration (A.A.) TTP or Criminal Justice Administration (A.S.) TTP
- History (A.A.) TTP or History (A.S.) TTP
- Political Science (A.A.) TTP or Political Science (A.S.) TTP
- Psychology (A.A.) TTP or Psychology (A.S.) TTP
- Sociology (A.A.) TTP or Sociology (A.S.) TTP
- Social Work (A.A.) TTP or Social Work (A.S.) TTP

In addition to the Tennessee Transfer Pathways, the Department also offers the following university parallel non-TTP Area of Emphasis: Pre-Law (A.A.) or Pre-Law (A.S.)

Tennessee State University offers a B.S. in Criminal Justice Administration on Motlow's Moore County campus for Motlow students who have achieved an A.S. degree. For more information on this 2+2 program, contact Dr. Lucy Craig at 931-393-1567, or [lcraig@mscc.edu](mailto:lcraig@mscc.edu).

## HONORS PROGRAM

The Honors Program provides a path to excellence for academically talented students who want to derive maximum benefit from their educational experience. The Honors curriculum helps students achieve their goals through interaction with other equally qualified students and highly motivated, qualified faculty. Any eligible student may take any honors course without committing to the Honors Program as a whole.

### COMPLETING THE HONORS PROGRAM

Honors students should satisfy the requirements for any Tennessee Transfer Pathway or Area of Emphasis, graduate with a minimum 3.0 grade point average, and earn twenty-one hours from honors courses with at least six hours in English, three hours of Interdisciplinary Studies seminar honors courses (HONS 1020, HONS 1021, HONS 1022, or HONS 1023), and at least one hour of community/service learning (HONS 1001 or HONS 2001).

### HONORS COURSES ELIGIBILITY REQUIREMENTS

Students seeking admission to honors courses are eligible for Honors courses on the basis of past performance as measured by ACT scores, high school records, previous college-level coursework, and/or college professor recommendations. Students may be admitted to a course as follows:

1. Students under 21 years of age must complete the ACT. A composite score of 23 or above is ideal, and the student must present documented eligibility for collegiate-level courses except mathematics and a high school GPA of 3.0 or higher. Students may request an exception to the minimum ACT score from the Honors Director.
2. Students who are 21 years of age or older must take the English, reading, and mathematics portions of the ACCUPLACER test and score high enough to be exempt from learning support requirements in English and Reading.
3. Students eligible for dual- and/or joint enrollment may enroll in Honors courses.

4. Students who have taken collegiate courses in dual- and/or joint enrollment arrangements and maintained a 3.0 collegiate average or students who have Advanced Standing credit in English, Advanced Placement credit, or CLEP credit may enter the Honors Program but will be required to complete the same number of Honors hours as any other Honors scholar.
5. Students who fail to meet the requirements listed above may still enroll in honors courses upon the recommendation of the Honors Director or the faculty member teaching the Honors course in which the student wishes to enroll.

After admission to honors course(s) and successful completion of said course(s) with a 3.0 or better, students are eligible for continued enrollment in specific sequential honors courses.

*Honors courses are generally not offered in the summer session.*

## ACADEMIC ADVISEMENT

Academic advising is accomplished through one-on-one interaction between students and their academic advisors. Academic advising is an institutionally initiated support service designed to assist students in meeting their short-term and long-term educational and career goals.

First-year degree-seeking students may obtain academic advisement from their assigned completion coach or a full-time faculty member within the academic department of their program of study. A listing of completion coaches is included on the advisement webpage. This listing includes coaches' office locations and extensions. Second-year students will be assigned a full-time faculty member within the academic department.

An Advisement Center is located on each campus and is a resource area for all Motlow students. The Centers have coaches available to assist students who might need guidance or assistance with academic goals, major and career choices, and GPS plans.

Completion coaches and academic advisors are responsible for assisting students in interpreting, planning, and completing the requirements for a particular program of study. Completion coaches are generally available Monday–Friday, from 8:00 a.m. to 4:30 p.m. Check with your campus location for times and availability. Faculty advisors maintain regularly scheduled office hours which are prominently posted on their office doors or with their curriculum chairs or academic deans. Students should consult with their assigned coach/advisors:

- prior to registration, if a first-time degree-seeking student.
- at least annually, or more often if necessary, to enhance academic success.
- prior to completion of the Intent to Graduate form.

## THE CLAYTON-GLASS LIBRARY

The Clayton-Glass Library is located on Ledford Mill Road between the Ingram and Marcum buildings across from the baseball field. The Library supports the institutional mission by answering information inquiries, providing research tools, and promoting informational literacy to students, faculty, staff, and the community. The library staff brings both experience and knowledge to the support of the College's instructional programs. Services (circulation, collections, and databases) and staff are available at the campus locations (the Moore County campus, the McMinnville Center, the Fayetteville Center, and the Smyrna Center) or through



the Internet. Students can receive materials from any site/center by requesting resources and services from staff via e-mail (email: library@mscc.edu) or at any campus location.

The Library's Internet-accessible catalog, eBook, and periodical and reference databases provide access to Motlow College's collection of over 70,000 print volumes, 178,000 eBooks, 22,600 audio-visual materials, and 22,000 full-text newspapers and magazine and journal titles (print, microforms, and e-resources). Students may access all library databases from the library's home page either from a Motlow campus location or remotely with any computer connected to the Internet using their Motlow user name and password. Interlibrary loan services are available to all users. Computers with printers are available for student research and other instructional needs. Other equipment for library users includes: copiers, microform equipment, televisions, VCR's and DVD players, and audio equipment. Comfortable seating and reading space can be found in each library.

### *Library Hours - Fall and Spring Semesters*

#### Fayetteville Center:

Monday–Thursday, 7:30 a.m.–9:00 p.m.

Friday, 7:30 a.m.–4:30 p.m.

#### Moore County Campus:

Monday–Thursday, 7:30 a.m.–9:00 p.m.

Friday, 7:30 a.m.–4:30 p.m.

Sunday, 1:00 p.m.–5:00 p.m.

#### McMinnville Center:

Monday–Thursday, 8:00 a.m.–9:00 p.m.

Friday, 8:00 a.m.–4:00 p.m.

#### Smyrna Center:

Monday–Thursday, 7:30 a.m.–9:00 p.m.

Friday, 7:30 a.m.–4:30 p.m.

Saturday, 8:00 a.m.–5:00 p.m.

Hours for summer terms and interim periods are posted at each of the libraries.

### **TechTube Tutorials**

The following TechTube tutorials were produced in an effort to help students become more familiar with some of the technology in use by Motlow College: D2L Tutorials. Examples include student e-mail and D2L technology which is used for online classes.

The following tutorials were produced through our Motlow YouTube Channel and can be played by clicking the Play arrow on the center of each screen. You may expand the clip to a full screen by clicking the screen expansion button in the bottom-right corner of each screen.

Step-by-step video instruction on common technology-related tasks:

- Getting Started: Student E-mail
- Effectively Managing your Student E-mail Account

- Sending E-mails through the System
- Creating Folders in Outlook for Organizing Student E-mail

### **Center for Academic Technologies (CAT)**

The Center for Academic Technologies provides technology support for Motlow faculty and staff. Services include:

- Equipment for check-out (cameras, laptops, LCD projectors, clickers) in the Digital Media Center (DMC) Room MT242
- Audio/visual recording and editing
- Training and workshops on a variety of desktop and online applications
- Support of faculty use of ITV classrooms and Smart classrooms
- Support for course management system Desire2Learn (D2L)

### **Writing Center**

The Motlow State Community College Writing Center is a free resource available to all Motlow students, faculty, and staff. The Writing Center offers traditional and online appointments with knowledgeable, attentive tutors. They can assist writers with any project at any stage in the writing process. For hours and locations, see the Writing Center webpage.

## **TESTING SERVICES**

The Testing Center provides a wide range of services to both the College and the community. As a service to Motlow students, to other local students, and to residents of the community, the Testing Center participates on a regular basis in the testing programs described below.

### **AMERICAN COLLEGE TESTING PROGRAM (ACT)**

Motlow State Community College serves as a residual test center of the American College Testing Program (ACT). Tests are given during the semester, prior to registration, and monthly during the summer. All students taking the ACT Test must have a Motlow admission's application on file prior to taking the ACT Test. Students will register for the Residual ACT by logging into their MyMotlow account, going to the Student tab, clicking "Testing/Proctoring Services," clicking "Residual ACT Test Registration," and then proceeding with the registration form. Please see the Motlow website for more information. A general-interest course entitled "ACT Test Preparation" is scheduled fall and spring semesters. Information concerning this course may be obtained from the Office of Workforce Development and Extended Services.

### **COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)**

The College Level Examination Program (CLEP) gives students the opportunity to obtain college credit by examination. CLEP is computer based, and scores are returned immediately after testing. The maximum amount of advanced credit allowed is one-fourth of the total number of credit hours required for graduation. Motlow has been approved as a limited CLEP testing center that administers only subject area tests. There is a fee for each subject test. Students planning to take a CLEP test must create an account and register with College Board and complete the online CLEP registration form for Motlow. Further information concerning CLEP

is available from the Testing Center. A listing of CLEP subject areas which may be tested at Motlow appears in section entitled "College Level Examination Program Credit."

### **GENERAL EDUCATION DEVELOPMENT TEST (GED)**

Effective April 1, 2016, General Education Development Test (GED) is no longer an option for High School Equivalency Diploma for residents of Tennessee. Effective July 1, 2016, the HiSET will be the only option for residents of Tennessee who wishes to obtain their High School Equivalency Diploma. Test-takers who have started the GED modules have until June 30, 2016, to complete them.

### **HIGH SCHOOL EQUIVALENCY TEST (HiSET)**

Adults who have not received a high school diploma and wish to apply for a certificate of high school equivalency may take the HiSET (High School Equivalency Test). Please see the Motlow website to help determine which test best suits your needs for a High School Equivalency diploma. Persons who feel inadequately prepared to take the HiSET test can obtain assistance from their local service delivery area. Motlow has been established as an official HiSET testing center. The HiSET is available at the Moore County and Smyrna campuses in computer- and paper-based format. The paper-based format is administered at the Fayetteville Campus and in Winchester.

### **PRAXIS: CORE ACADEMIC SKILLS FOR EDUCATORS TEST**

Core Academic Skills for Educators (Core) Tests

If you wish to take all three computer-delivered Core Academic Skills for Educators exams (5712, 5722, 5732) at the same time, select Core Academic Skills for Educators Combined Test (5751) when registering. Scores will be reported by individual test (5712, 5722, 5732).

<b>You Need to Take:</b>	<b>Test Code: Qualifying Score:</b>	
Core Academic Skills for Educators: Reading	5712	156
and		
Core Academic Skills for Educators: Writing	5722	162
and		
Core Academic Skills for Educators: Mathematics 5732		150

(On-screen four-function calculator provided.)

Students pursuing the Associate of Science in Teaching degree are required to take the Core Academic Skills for Educators Test during their sophomore year. Note that this exam *is not* available through Motlow Testing Services. For registration information, visit [www.ets.org](http://www.ets.org) and click on PRAXIS.

### **ETS PROFICIENCY PROFILE (EXIT EXAM)**

For information concerning this exam, contact the Testing Center.

**BUSINESS TECHNOLOGY MAJOR FIELD TEST**

For information concerning this exam, contact the Testing Center.

**EARLY CHILDHOOD EDUCATION MAJOR FIELD TEST**

For information concerning this exam, contact the Testing Center.

**NURSE ENTRANCE EXAMINATION (HESI)**

For information concerning this exam, visit the Testing Center webpage or contact the Testing Center.

## *Academic Policies and Standards*

### **ACADEMIC PROGRAM OF STUDY**

Each student is responsible for selecting an academic program of study at Motlow. Programs are defined in terms of a degree with a major and a concentration or area of emphasis, as applicable, or a certificate of credit. The Associate of Arts, Associate of Science, Associate of Science in Teaching, and Associate of Fine Arts are earned with the University Parallel Major for transfer. The Associate of Applied Science degree is earned with a selection of a career major. The curriculum requirements for each available program of study are outlined in the section entitled "Program of Study—Core Curricula." The student who plans to follow an area of emphasis in the University Parallel Major other than a Tennessee Transfer Pathway (TTP) should secure a copy of the catalog of the institution to which he/she plans to transfer and use it in planning a program of study at Motlow. Tennessee Transfer Pathways (TTP's) are advising tools designed to help community college students plan for transferring to a Tennessee public university or select regionally accredited, non-profit Tennessee private colleges and universities to complete their baccalaureate degree. The TTPs also constitute an agreement between community colleges and four-year colleges/universities confirming that community college courses meet major preparation requirements. The student is guaranteed that all the community college courses taken will be accepted at the college/university and the courses will count toward completion of the particular major. The selection early in a student's academic career of a curriculum designed to meet educational objectives will increase the satisfaction the student will realize from his/her educational experiences. Faculty advisors and counselors are prepared to assist the students in program planning and course selection.

### **PROGRESSION STANDARD FOR COMPLETING THE ENGLISH REQUIREMENT**

A first-time college student who is registering as a full-time student (12 or more semester hours) must register for the appropriate English course (learning support or collegiate) within the full-time load during the first semester of attendance and remain in an English course each semester until the appropriate English requirement is completed.

### **PROGRESSION STANDARD FOR COMPLETING THE LEARNING SUPPORT MATHEMATICS REQUIREMENT**

A first-time college student requiring learning support mathematics who is registering as a full-time student (12 or more semester hours) must register for the appropriate learning support mathematics course during the student's first semester of eligibility and remain in a mathematics course each semester until the learning support mathematics competency is completed.

### **STUDENT LOAD**

For administrative purposes, an individual is considered to be a full-time student when enrolled for a minimum of twelve (12) semester credit hours. Sixteen (16) to seventeen (17) semester hours is the normal student load per semester. Nineteen (19) semester hours is the maximum student load allowed without approval of the appropriate academic Dean. The maximum load for one (1) semester which will be approved is twenty-two (22) semester hours. Factors considered for approving enrollment beyond nineteen (19) semester hours include the

classification of the student, the cumulative grade point average of the student, and the anticipated date of graduation.

**STUDENT LOADS FOR SUMMER SEMESTER:** The summer semester is composed of four separate but overlapping terms. These terms are the full term (FT), two half-terms (1H, 2H) and Maymester. A student may schedule classes in combination of these terms, but credit hours are limited to no more than eight (8) hours during any half-term and sixteen (16) hours during the full semester. Sixteen (16) semester hours is the maximum student load allowed without approval of the appropriate academic Dean. Similar guidelines are defined for a selection of courses which mix summer terms. The maximum load for summer semester which will be approved is nineteen (19) semester hours.

## STUDENT CLASSIFICATION

For administrative purposes, a student is classified as a freshman until the completion of twenty-eight (28) semester hours; after this time, the student is classified as a sophomore. Those not accepted as degree-seeking students or certificate-of-credit students are classified as special students for credit.

## CATALOG SELECTION

Students are allowed to graduate or receive certificates of credit by the requirements of the catalog under which they entered, the catalog in effect when a change of major form is filed, or any subsequent catalog, provided the catalog containing the program being followed is not more than five years old based on the date of completion of graduation requirements. For example, the 2019–2020 catalog expires after five years and thus cannot be used for graduation after August 2024.

## COURSE REQUIREMENTS WAIVER AND SUBSTITUTION

When sufficient cause necessitates a program of study change to enable a student to graduate, a course requirement waiver and/or substitution may be processed. Course waivers and/or substitutions should be determined in conference with the student's advisor and require the approval of the student's advisor, a faculty member from the applicable discipline, and the appropriate Department Lead. Forms are obtained by meeting an advisor. The completed Course Waiver and Substitution form with necessary signatures is to be submitted to the office of Admissions and Records by the student.

## INCOMPLETE COURSE WORK

The "I" for "incomplete" may be assigned by the course instructor, indicating that the student has not completed all course requirements because of illness or other circumstances beyond his/her control, especially those which may occur toward the close of the term. Failure to make up work or to turn in required work on time does not provide a basis for the "I" unless extenuating circumstances noted above exist. The following guidelines apply to removing an "I" from the academic record:

The deadline for students to complete and submit required work to the faculty member will be the time established for mid-term examinations in the semester following the term in which the "I" was received. The mid-term examination schedule is given in the class schedule. Students who receive an "I" in the spring semester will observe the schedule for the following fall semester.

An "I" in Nursing (NRSG) courses must be removed by the end of the second week of the semester following the term in which the "I" was received, including summer term.

When required work has been submitted to the faculty member no later than one week after the deadline for removing an "I," the faculty member will submit a change of grade. The grade change will be updated on the student file prior to semester grade processing.

Under extenuating circumstances, a faculty member can request, by memorandum to the Director of Admissions and Records, an extension of the "I" without punitive effects on the student's cumulative grade point average. The extension will extend to the next semester's deadline.

If a faculty member does not submit a Change of Grade form or a request for an extension of an "I," the "I" will be replaced by an "F" to be computed into the grade point average.

The grade of Incomplete is not an option for Learning Support Courses.

## REPEATING A COURSE

A student may repeat a previously taken course in which he or she received a final grade of "C" or lower. Students may be permitted to repeat a course in which a grade of "B" or higher was earned only with the approval of the appropriate academic Dean as an exception to the policy. A request for approval to repeat a course in which a "B" or higher was made should be submitted in writing to the appropriate academic Dean prior to the term during which the course is to be repeated. A request must include the reasons for the request. A written response to the request will be sent to the student.

The grade received in repeating a course (other than "NC" or "W") is credited in the semester in which the course was repeated. To be effective in the cumulative grade point average (GPA) for the current term, a Repeat Form (for all courses being repeated) must be filed in the Office of Admissions and Records at the time of registration. Repeating a course will affect a student's academic record in the following ways:

Only the last grade received in repeating a course will be used in computing the cumulative grade point average provided that the number of repeats of any single course does not exceed two (three attempts). In the event a student repeats a course more than twice, the grade received in the third attempt and all subsequent attempts will be used in computing the cumulative grade point average. Only the last grade received in repeating a course will be used to satisfy prerequisite requirements.

The hours attempted in repeating a course are subtracted from the total hours attempted before dividing to compute the cumulative grade point average, provided the number of repeats of any single course does not exceed two (three attempts). In the event a student repeats a course more than twice, the hours attempted in the third attempt and all subsequent attempts will be included in the total hours attempted before dividing to compute the cumulative grade point average.

The credit hours earned for a course will be included only one time in the cumulative hours earned no matter how many times the course is completed.

All grades received for a course will remain on a student's transcript. A notation is added to indicate that the course has been repeated. The information showing the grade received when the course was repeated is given in the report for the semester during which the course was re-repeated. If a course is repeated and no completed Repeat Form is submitted to the Office of Admissions and Records, appropriate reductions in cumulative hours earned will be made when the academic record is revised. In order to keep academic records up to date and avoid inflating cumulative hours earned, students must complete a Repeat Form and submit it at the time of registration.

## GRADING SYSTEM

The following grading system is used at Motlow State Community College:

Grade	Quality Points Awarded Per Semester Hour
A Outstanding	4
B Above Average	3
C Average	2
D* Passing	1
F Failing	0
FA** Failure (stopped attending)	0

\*This grade is not used for any learning support.

\*\*The FA grade indicates that the student earned a grade of F (failing) and accumulated excessive absences (non-school-related.) The FA grade indicates that the student earned a grade of "F" and stopped attending prior to the last day to withdraw.

Other markings which may appear on the grade report and/or transcript are as follows:

I Incomplete    P Passed        U Unsatisfactory

AU Audit        S Satisfactory    W Withdrew

Subsequent August 2016, any outstanding grades of IP will be converted to a grade of "F."

The "I" indicates that a student has not completed all course requirements because of illness or other circumstances beyond his or her control, especially those which may occur toward the close of the term. Failure to make up work or to turn in required work on time does not provide a basis for the "I" unless extenuating circumstances noted above exist. The "I" is not included in computing the grade point average in the semester for which it is assigned. An incomplete may



be removed during the succeeding semester (excluding summer), or the "I" may be extended by the faculty member. If the "I" is not removed or extended, a grade of "F" is automatically entered.

An "I" in nursing (NURS) courses must be removed by the end of the second week of the semester following the term in which the "I" was received, including summer term.

The "AU" is used when a student requests audit status for a course and receives no credit and no grade.

The grades "P" and "F" are used for courses with the Pass/Fail grading option. The "P" is used when a student receives credit for a course. The "P" is not used in computing the grade point average. When a "P" is assigned, the hours earned are increased, but total hours attempted and quality points earned are not affected. The "F" is used in computing the grade point average by including the number of hours of the course in the hours attempted total and including zero grade points in the grade points earned.

The "S" is used only for reporting a general interest community service course and indicates successful completion of that course and receipt of Continuing Education Units (CEUs) or any course offering the Satisfactory ("S") or Unsatisfactory ("U") grade option.

The "W" is used when a student drops a class or withdraws from the college after the last day to be deleted from the roll and no later than ten weeks into the semester. The "W" is not used in computing the grade point average. The "W" has no effect on quality hours attempted (even though a "W" does constitute a course attempt in Learning Support classes), hours earned, or quality points earned.

The "U" is used for reporting unsatisfactory completion of any course which offers the Satisfactory ("S") or Unsatisfactory ("U") grade option.

## APPEAL OF A GRADE

A student who believes that an error has been made in the grade assigned for a course may appeal his/her grade. The appeal must be originated within two weeks (10 working days) after the grade has been posted. Grade appeals are allowed only when the course instructor 1) has not used criteria stated in the course syllabus and/or course outline or 2) has made errors in the calculation or recording of a grade. In both cases, the student will assume the burden of proof with respect to these issues.

### **Steps for Appeal of a Grade:**

1. Student meets with course instructor to resolve the grade appeal.
2. If the student believes after the meeting with the course instructor that the grade appeal is unresolved, the student submits the grade appeal form located in MyMotlow within five (5) days of meeting with the course instructor.
3. Academic Affairs office sends the grade appeal form to the appropriate Dean.
4. The Dean has ten (10) working days to respond to the appeal.

5. If the student believes that circumstances warrant further appeal, the student may request a review of the Dean's decision by the Assistant Vice President of Academic Affairs. Said request must be made via email to the Assistant Vice President of Academic Affairs within 5 business days of the Dean's decision.

## ACADEMIC FRESH START

"Academic Fresh Start" is a plan of academic forgiveness which allows undergraduate students who have experienced academic difficulty to make a clean start upon returning to college after an extended absence. The Academic Fresh Start allows eligible students to resume study without being penalized for their past unsatisfactory scholarship and signals the initiation of a new QPA/GPA to be used for determining academic standing.

Readmitted students who were formally enrolled in the institution, as well as transfer students who meet institutional requirements for admission, and who have been separated from all institutions of higher education for a minimum of four (4) years are eligible for the Fresh Start. Institutional policies governing the readmission of former students and admission of transfer students must be in compliance with TBR policy 2:03:00:00 Admissions. This policy requires that the "transfer applicant's grade point average on transferable courses must be at least equal to that which the institution requires for the readmission of its own students. A student may utilize the Academic Fresh Start only once. The Fresh Start will be formally applied on the day after the 14th day (census date) for the institution in which the student remains enrolled.

To qualify for the Fresh Start, the student must:

1. Be separated from all collegiate institutions for at least four years (8 semesters);
2. Apply before the end of the first semester of attendance;
3. File a formal request with the Director of Admissions and Records to be submitted to the Assistant Vice President for Academic Affairs Office;
4. Be a degree-seeking student.

Once the Fresh Start is granted:

1. The student's permanent record will remain a record of all work completed;
2. Courses taken and previously failed will be excluded from the calculation of GPA;
3. Courses with grade of D will be excluded from the GPA calculation when a grade of C or better is required for the student's major; and
4. The student's GPA and credit hours will reflect courses for which passing grades were earned and retained.
5. The current major will be considered the major the student has currently selected when the Fresh Start is formally applied on the day after census (14th) enrollment date. Courses excluded from the calculation will not be reviewed or reconsidered should the student change majors following the application of the Fresh Start.

An Academic Fresh Start will not remove Financial Aid eligibility standards under Satisfactory Academic Progress rules. All attempted hours will be counted for Financial Aid and Tennessee Lottery standards.

All Tennessee Board of Regents institutions will honor a Fresh Start provision granted at another TBR institution. A student who plans to transfer to a non-TBR institution should

contact that institution to determine the impact of Academic Fresh Start prior to implementing the program at Motlow State. If assistance is needed, the student should contact the Office of Admissions and Records.

## GRADE POINT AVERAGE (GPA)

The academic standing of a student is expressed in terms of a cumulative grade point average (CGPA). When a course is completed, the number of grade points earned is determined by multiplying the credit hours earned for that course by the grade points assigned to the letter grade earned. The cumulative grade point average is determined by dividing the total number of grade points earned by the total number of credit hours which the student attempted except for credit hours in courses from which the student withdraws in good standing or for courses in which the student received grades which are not considered when determining the CGPA. Credit hours and grades which are not used in computing the CGPA include (1) hours attempted in a repeated course, provided the number of repeats does not exceed two (see section entitled "Repeating A Course"), (2) hours attempted in a course for which the grade "I" is in effect, and (3) hours attempted in a course for which the grade "IP" is in effect.

Assigned grade point values per letter grade are: A - 4 points, B - 3 points, C - 2 points, D - 1 point, and F - 0 points.

Example:

3 hrs. course completed with grade A:  $3 \times 4 = 12$  quality points earned

5 hrs. course completed with grade C:  $5 \times 2 = 10$  quality points earned

1 hr. course completed with grade B:  $1 \times 3 = 3$  quality points earned

4 hrs. course completed with grade B:  $4 \times 3 = 12$  quality points earned

3 hrs. course completed with grade F:  $3 \times 0 = 0$  quality points earned

16 hours completed - 37 quality points earned

In the example given:  $GPA = 37 \text{ divided by } 16 = 2.31$  (no hours repeated)

With the exclusions described above, two pairs of grade point averages are calculated: (1) a "college only" GPA, a cumulative GPA and term GPA comprised only of hours taken in courses numbered 1000 and above, and (2) a "combined" GPA, a cumulative GPA and term GPA comprised of both hours taken in courses numbered 1000 and above and hours taken in Learning Support courses. Each of these averages is used in the following manner:

The "college only" GPA is used in:

1. Calculating the required cumulative GPA for graduation
2. Determining graduation honors
3. Determining term honors
4. Academic Fresh Start

The overall "combined" GPA is used in:

1. Determining suspension and probation
2. Determining financial aid eligibility
3. Determining athletic eligibility

## **RETENTION STANDARDS**

The minimum cumulative college-level-only grade point average required to achieve the associate degree or receive a certificate of credit is 2.00.

A student who, during any term, fails to attain a cumulative "combined" grade point of 2.00 for the credit hours attempted will be placed on academic probation for the subsequent term. At the end of the next term of enrollment, a student on academic probation who has failed to attain a 2.0 cumulative grade point average for that term will be suspended for a minimum of one term.

## **PROBATION AND SUSPENSION**

A student who fails during any term to attain a cumulative "combined" grade point average of 2.00 or higher will be placed on academic probation for the subsequent term. At the end of the next term of enrollment, a student on academic probation who has failed to attain a 2.00 "combined" grade point average for that term will be suspended.

The period of academic suspension is as follows: first suspension – one semester; second and subsequent suspensions – one calendar year. A student who is suspended for the first time at the end of the spring term will not be readmitted to the following summer or fall terms.

A student who is enrolled on academic probation and attains a 2.00 "combined" grade point average in the term of the probation will continue to be enrolled on academic probation until attaining a cumulative "combined" graded point average at or above a 2.00

Transfer students are subject to Motlow retention standards for admission or readmission to Motlow. A transfer student must be eligible to re-enter the school from which he/she is transferring.

Students who are being admitted or readmitted to Motlow after having been suspended will enter on a probationary basis.

## **APPEAL OF ACADEMIC SUSPENSION**

A student who is suspended from Motlow College or another institution for academic reasons may appeal his or her suspension to the Student Affairs Committee if he or she feels there are extenuating circumstances or hardships which have contributed to his or her suspension. A student who is allowed to re-enter college through this appeal process may be advised to reduce his or her load, repeat certain courses, or change program of study. The student will continue on academic probation.

The student appealing academic suspension must contact the Dean of Students Office. The student should submit an Academic Suspension Appeal form via the student's MyMotlow account before the Academic Appeal deadline. Appeals are heard by the Student Affairs Committee; decisions of the Committee are final.

The Vice President for Student Affairs has the authority to remove suspension status for students when recommended by the Student Affairs Committee.

## ACADEMIC SCHEDULE

Motlow State Community College operates on the semester system, having three academic semesters: fall, spring, and summer. The projected calendar for each term of the academic year appears on the Motlow College website. The calendar for each term is confirmed in the Schedule of Classes when published. Credit granted for each course generally corresponds to the number of hours (50 minutes lecture time = 1 class hour) a class meets each week. Activities such as laboratory courses and physical education courses may require more than one hour for each credit hour.

## CLASS SCHEDULE AND SCHEDULE ADDENDUM

Prior to the beginning of each semester, a class schedule is published online. Courses in the schedule are listed by a discipline code, a course number, a call number, course description, room number, days of the week the class meets, period or time of day, the credit for each course, and the instructor assigned to the course.

Each course has a separate number. Students should attempt to identify the discipline code, course number, and CRN when registering or when communicating with college personnel about a course.

Changes in the Schedule of Classes may occur between the initial publication of the schedule and the opening of the semester. These changes are reflected online and in the MyMotlow class listing for students. Students should check their MyMotlow self-service account and Motlow student email account for schedule changes and updates.

## CLASS CANCELLATION

Any class listed in the curriculum may be discontinued by the College. The right is reserved to cancel any class scheduled for a given semester when the number enrolled is considered insufficient. Other factors which may contribute to the cancellation of a class include the availability of qualified instructors and the availability of appropriate facilities.

When a class is canceled, students may withdraw via the web and are encouraged to contact their advisors regarding alternate course selections.

## DISCIPLINE CODES

Attention to the symbols and abbreviations below may help in understanding class schedules as well as the catalog.

<b>Business and Technology</b>	
ACCT	Accounting
ADMN	Administrative Professional Technology

BUSN	Business
CISP	Computer Science
CITC	Computer Information Technology
ECON	Economics
INFS	Information Systems
LGM	Logistics
<b>Career Readiness</b>	
ENGR	Engineering
MECH	Mechatronics
<b>Education</b>	
COP	Cooperative Education
ECED	Early Childhood Education
EDU	Education
HPE	Health & Physical Education
IDS	Interdisciplinary Studies
PHED	Physical Education Activities Courses
<b>Humanities</b>	
ART	Art
COMM	Communications
MUS	Music
THEA	Theatre
<b>Languages</b>	
ENGL	English

FREN	French
HONS	Honors
MSCC	First-Year Experience
SPAN	Spanish
SRVL	Service Learning
<b>Learning Support</b>	
ENGL	Learning Support Writing
MATH	Learning Support Mathematics
READ	Learning Support Reading
<b>Mathematics</b>	
MATH	Mathematics
<b>Natural Science</b>	
AGRI	Agriculture
ASTR	Astronomy
BIOL	Biology
CHEM	Chemistry
GEOL	Geology
PHYS	Physics
PSCI	Physical Science
<b>Nursing &amp; Allied Health</b>	
EMSA	Emergency Medical Services Advanced
EMSB	Emergency Medical Services Basic
EMSP	Emergency Medical Services - Paramedic

MLAB	Medical Laboratory Technology
NRSG	Nursing
<b>Social &amp; Behavioral Sciences</b>	
ANTH	Anthropology
CRMJ	Criminal Justice
GEOG	Geography
HIST	History
IDSH	Interdisciplinary Studies Honors
POLS	Political Science
PSYC	Psychology
SWRK	Social Work
SOCI	Sociology

## LEARNING SUPPORT PROGRAM

The purpose of the Learning Support program is to identify students who are under-prepared for college-level studies and to prepare them for entry into that curriculum. Each learning support course is coupled with a college-level course. The student must be enrolled in both the learning support and college-level course during the same semester with both courses having the same semester start and end dates. The needed skills in mathematics, reading, and writing are divided into learning modules and are presented in a computer-assisted, instructor-facilitated laboratory environment.

It is imperative that students speak with an advisor prior to enrolling to ensure correct placement.

## FIRST-YEAR EXPERIENCE

MSCC 1300 First-Year Experience is a Learning Support Program requirement for all degree-seeking students who test into one or more Learning Support courses (reading, English, or mathematics) in the Learning Support Program. First Year Experience provides collegiate readiness skills designed to empower students with skills sets, including critical thinking, necessary to achieve their education and career goals. Students become familiar with college resources, policies, and procedures, while also improving their time management, study, research, and technology skills. The First Year Experience requirement for Learning Support



students might change the number of credits required to complete certain degree programs. For additional information, please see the Program Checklist for your major.

### **LEARNING SUPPORT ASSESSMENT**

The provisions for assessment and placement apply to all degree-seeking applicants, some returning/readmit students, and special students for credit. Additionally, other students enrolling in English or mathematics for the first time are subject to assessment requirements in the applicable subject area. Listed below are the applicant categories and placement criteria.

- **Dual Enrollment**

Dual-enrollment students must meet appropriate entrance requirements (see the Dual Enrollment webpage for the most current information).

- **First-Time Freshmen Under the Age of 21**

As an initial assessment, students entering Motlow College who are under twenty-one (21) years of age must present a valid ACT or SAT score. To be valid, the scores must be earned within five (5) years prior to the first day of the student's term of entrance. The highest score on all valid assessments is used for placement into college-level or learning support classes.

- **First-Time Freshmen Over the Age of 21**

As an initial assessment, students entering Motlow College who are twenty-one (21) years of age and older as of the first day of the student's term of entrance, who are seeking regular admission, and who do not have a valid ACT or SAT score must take all portions of the ACCUPLACER test. Should the student have a valid ACT or SAT score, he or she may present those scores for initial assessment. To be valid, the scores must be earned within five (5) years prior to the first day of the student's entering term. The highest score on all valid assessments is used for placement into stand-alone college-level courses or into college-level/learning support co-requisite classes.

Students who are placed into learning support by ACCUPLACER or ACT sub-scores can "challenge" in an attempt to improve their placement by taking one or more portions of the ACCUPLACER test. The first challenge using ACCUPLACER is free of charge. Subsequent attempts are \$10.00 per section or \$20.00 for the entire test and payable at the time the test is taken. Students can purchase review material and/or software to help review content. Students can challenge placement no more than two times.

- **Degree-Seeking Transfer Students**

Degree-seeking transfer students who have not previously been assessed or who have not earned credit in college-level English composition or reading-intensive course or a college-level mathematics must take the appropriate portion(s) of the ACCUPLACER test before they can enroll unless they are under twenty-one (21) years of age and otherwise exempt by ACT scores. Performance on the ACCUPLACER test results in placement into stand-alone college-level/learning support co-requisite classes.

Students who are placed into learning support by ACCUPLACER or ACT sub-scores can "challenge" in an attempt to improve their placement by taking one or more portions of

the ACCUPLACER test. The first challenge using ACCUPLACER is free of charge. Subsequent attempts are \$10.00 per section or \$20.00 for the entire test and payable at the time the test is taken. Students can purchase review material and/or software to help review content. Students can challenge placement no more than two times.

- **Non-Degree-Seeking/Certificate Program Students**

Certificate-seeking students entering without transferable college-level English composition will be assessed prior to enrollment in a college-level English course or any course with an English prerequisite. Assessment will be made by ACCUPLACER scores or a valid ACT/SAT if the student is less than twenty-one (21) years of age.

Certificate-seeking students entering without transferable college-level credit from a reading-intensive general education course will be assessed in reading. Assessment will be made by ACCUPLACER scores or a valid ACT/SAT if the student is less than twenty-one (21) years of age.

Certificate-seeking students entering without transferable or college-level mathematics will be assessed prior to enrollment in a college-level mathematics course or in any course with mathematics as a prerequisite. Assessment will be made by ACCUPLACER scores or a valid ACT/SAT if the student is less than twenty-one (21) years of age.

Students who are placed into learning support by ACCUPLACER or ACT sub-scores can "challenge" in an attempt to improve their placement by taking one or more portions of the ACCUPLACER test. The first challenge using ACCUPLACER is free of charge. Subsequent attempts are \$10.00 per section or \$20.00 for the entire test and payable at the time the test is taken. Students can purchase review material and/or software to help review content. Students can challenge placement no more than two times.

Non-degree-seeking students who are taking courses for professional development or personal enrichment must speak with the Learning Support Director or his/her designee about the need for assessment. A determination of need for assessment will be made on a case-by-case basis.

<b>SUBJECT/TEST CATEGORY</b>	<b>ACT SUBJECT SCORE</b>	<b>SAT SUBJECT SCORE</b>	<b>ACCUPLACER SCORE</b>	<b>PLACEMENT</b>
<b>Writing</b>	English 1–17	Critical Reading 200–440	Writing 200–249	ENGL 0810

	English 18–36	Critical Reading 450–800	Writing 250–300	ENGL 1010
<b>Math</b>	Math 1–18	Math 200–450	Quantitative Reasoning (Math) 200–249	MATH 0810
	Math 19–36	Math 460–800	Quantitative Reasoning (Math) 250–300	College-level math course
<b>Reading</b>	Reading 1–18	Critical Reading 200–450	Reading 200–249	READ 0810
	Reading 19–36	Critical Reading 460–800	Reading 250–300	College-level

### *Assessment and Learning Support Courses*

A student deficient in algebra will be required to take the appropriate mathematics portions of the ACCUPLACER test unless the student's valid ACT composite score is 26 or greater. This policy does not apply for students enrolled in high school dual-enrollment classes; please see the Dual Enrollment webpage for relevant policies addressing ACT requirements.

Students who are placed into learning support by ACCUPLACER or ACT sub-scores can "challenge" in an attempt to improve their placement by taking one or more portions of the ACCUPLACER test. The first challenge using ACCUPLACER is free of charge. Subsequent attempts are \$10.00 per section or \$20.00 for the entire test and payable at the time the test is taken. Students can purchase review material and/or software to help review content. Students can challenge placement no more than two times.

### *ACCUPLACER Test Information*

The ACCUPLACER test assesses students' readiness for college-level work. ACCUPLACER is a computer testing system which assesses students to determine their academic readiness in reading, writing, and mathematics. Interactive responses to software are designated to determine academic readiness and to record student results in institutional records for appropriate placement. The reading skills portion of the ACCUPLACER is designed to measure students' reading comprehension. This component assesses the students' ability to recognize appropriate vocabulary, to isolate main ideas, to locate explicit textual information, and to draw inferences. The writing skills component assesses the student's knowledge of mechanics, language, and rhetorical skills. The mathematics portion measures the student's ability to solve problems in pre-algebra/numeric skills, elementary algebra, and intermediate algebra.

The ACCUPLACER test is not a pass/fail test. Instead, test results determine which courses are best suited to the student's level of readiness. Each test component has a separate score which determines student placement. Students who transfer to other Tennessee Board of Regents (TBR) institutions may have their test results forwarded. Additionally, test results are included in student transfer information sent to other TBR institutions.

The ACCUPLACER test is given free of charge to students for whom ACCUPLACER test scores provide initial placement. As previously noted, students may use the ACCUPLACER test to challenge any or all of their initial placement into learning support. Subsequent attempts are \$10.00 per section or \$20.00 for the entire test and payable at the time the test is taken. The highest score on all valid assessment is used to determine final placement.

The ACCUPLACER test is given regularly at all Motlow sites. Special test accommodations are available for students who need them. The Testing Center should be contacted for information about the placement tests, test dates, and special accommodations.

### **LEARNING SUPPORT COURSES AND POLICIES**

Students who need learning support work are encouraged to take these courses in their first semester of enrollment. Students may enroll in college-level courses concurrently if they do not need learning support in that subject and/or there are no learning support prerequisites for the class or classes. Learning support courses may not be taken for audit, and students may not enroll in these courses unless they have been placed into these courses based on test results.

Student participation in learning support is mandatory. Credit hours earned in learning support may not be used to meet any degree requirements. These credits are institutional credits only and become "add-on" hours. The grades earned in learning support become a part of the academic record and will be used in determining semester GPA and cumulative GPA for retention, probation, and suspension, as well as eligibility for financial aid and athletics, but these grades will not be used when determining eligibility for the honor roll, dean's list, or graduation honors.

Each Learning Support course is paired with a co-requisite college-level course. Students must enroll in both courses during the same semester and may not drop one course of the co-requisite pair without also dropping the other. Moreover, the student must enroll in a learning support and a college-level course having the same start and end dates (a student may not enroll in a full-term college-level course and a shorter term learning support course or vice versa). In the event that a student passes the college-level course but does not earn a passing grade in the co-requisite learning support class, the student will have his/her learning support competencies marked as completed for that learning support course, and the student will not be allowed nor required to repeat the learning support class despite his/her failing grade. Additionally, once a student passes the Learning Support course, the student may not re-enroll in the course. Documented passing of learning support competencies taken at other Tennessee Board of Regents institutions will be accepted by Motlow College. However, the student is expected to complete the entire schedule of assignments for the subsequent learning support course.

### **INTERINSTITUTIONAL ARTICULATION**

The Tennessee Board of Regents has established guidelines to provide for collegiate articulation between community colleges and universities in the system. The guidelines are intended to promote the orderly progress of students who transfer from the community colleges to baccalaureate degree programs in the universities while protecting the integrity of the university and community college programs.

The contact office at Motlow State Community College for interinstitutional articulation is that of the Executive Vice President of Student Success and Academic Affairs. Applications, catalogs,

and course equivalency information from many Tennessee colleges and universities are available in the Admissions and Records and Student Success offices. Faculty advisors also have information to assist students in making decisions related to academic programs of study designed to transfer.

The programs designed for transfer are identified under the Tennessee Transfer Pathway section of the catalog with areas of emphases. Career technology programs and certificate of credit programs are designed for students who do not intend to transfer to a baccalaureate degree program. This information is indicated for each of the career programs.

When a student has satisfactorily completed an associate degree that is outlined as a Tennessee Transfer Pathway, the university shall grant credit toward completion of the baccalaureate degree as outlined in the agreement. Full details for the agreement can be found on the official website for the pathways.

When a student has been awarded an associate degree not designed for transfer, only courses within the program of study that are designed as transfer will be considered for transfer by a university. Generally, these courses are general education core courses and not courses in the field of study.

## *Courses*

### Accounting

#### *ACCT 1010 - Principles of Accounting I*

3 sem hrs cr

This course is an introduction to accounting principles, practices, and techniques with an emphasis on the preparation and reporting of financial statements. Prerequisite: Exemption from or completion of learning support competency courses and sophomore standing (completion of at least 24 credit hours).

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly ACT 2310)

#### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

- Describe and illustrate accounting concepts for planning, controlling, and analyzing business operations
- Describe and illustrate the basic accounting concepts for recording, classifying, and summarizing business transactions on a day-to-day basis
- Illustrate the basic procedures for adjusting, closing entries, and summarizing the accounting records prior to the preparation of the financial statements
- Describe and illustrate the preparation of financial statements
- Describe and illustrate accounting devices, such as special journals and subsidiary ledgers, and various data processing methods, which are helpful in accounting systems
- Describe and illustrate procedures for recording purchases and sales transactions for a merchandising enterprise
- Identify and describe the two principal inventory systems and the inventory costing under FIFO, LIFO, and Average Cost
- Understand the nature of cash and the importance of controls over cash
- Describe and illustrate the allowance method of accounting for uncollectible receivables
- Describe the characteristics of plant assets and illustrate the accounting for the acquisition and disposal of plant assets
- Describe the nature of depreciation, depletion, and amortization and illustrate the accounting for each item
- Describe and illustrate accounting for payrolls, including liabilities, arising from employee earnings, deductions from earnings, employer's payroll taxes, and employee's

fringe benefits

*ACCT 1020 - Principles of Accounting II*

3 sem hrs cr

This course is a continuation of ACCT 1010 Principles of Accounting I and an introduction to the preparation and use of managerial and cost accounting concepts utilized in planning and controlling operations. Prerequisite: Sophomore standing (completion of at least 24 credit hours) and ACCT 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ACT 2320)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

- Describe accounting terms
- Describe and illustrate acceptable accounting treatment for partnerships
- Describe and illustrate the accounting implications of the corporate form of ownership
- Describe and illustrate corporate earnings and issuance of stocks
- Describe and illustrate the accounting treatment for bonds payable and bond investments
- Describe and illustrate the recording of corporate investments and fair value accounting
- Describe and illustrate the preparation of a statement of cash flows
- Describe and illustrate the basics of capital investment analysis
- Describe and illustrate managerial accounting terms and concepts
- Describe and illustrate the job order costing system
- Describe and illustrate the process costing system
- Describe and illustrate cost behavior and use cost-volume-profit analysis

*ACCT 2195 - Accounting Applications*

1 sem hr cr

This course requires students to apply critical-thinking, problem-solving, and communication skills required of an accountant in a real or simulated environment. It may be used by an institution for a field placement for the student. Prerequisite: Completion of or co-enrollment in ACCT 1020.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

## **Transfer (UT) or Non-Transfer Course (UN): UN**

### *ACCT 2321 - Intermediate Accounting I*

3 sem hrs cr

This course is an in-depth study of the conceptual framework of accounting theory and the preparation of financial statements and financial disclosures. Topics may include income measurement and profitability analysis, time value of money, cash and receivables, measurement and valuation of inventory and cost of goods sold, and accounting for plant assets and intangibles. This course is not equivalent to similar 3000 or 4000 level courses at a University. Prerequisite: ACCT 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ACCT 2010, ACT 2510)

## **Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Objectives**

- Describe the role of the FASB and various governmental and professional organizations in developing accounting standards and principles
- Explain the pillars and importance of the conceptual framework
- Describe the accounting process
- Prepare a Balance Sheet, Income Statement, Statement of Equity and Cash Flow Statement
- Describe the various estimating techniques used for preparing adjusting entries
- Understand the rules governing the recognition of revenue at a single point in time versus a period of time
- Apply the steps in determining revenue recognition when dealing with special issues
- Understand the distinction between cash and cash equivalents
- Properly apply estimates in determining potential bad debt write-offs
- Understand the application of receivable factoring and its impact on reporting
- Explain the various cost application and valuation methods used in inventory reporting
- Properly determine the value of individual assets when purchasing in "bundles" or self-constructing
- Properly apply accounting rules and principles when changing depreciation estimates or revaluing non-current assets
- Understand the proper calculation and reporting regarding of loss contingencies
- Use present value concepts to determine reportable amounts of future cash flows



- Analyze financial information and make appropriate recommendations based upon that analysis

### *ACCT 2331 - Tax Accounting*

3 sem hrs cr

This course introduces the student to basic taxation principles and applications. Topics may include history of taxation, tax legislation, federal and state regulations, preparation of tax forms, and other tax matters. This course is not equivalent to similar 3000 or 4000 level courses at a University.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ACCT 2410, ACT 2410)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### *ACCT 2351 - Auditing*

3 sem hrs cr

This course is a study of auditing theory and practices with emphasis on problems that auditors may encounter in the course of an audit. Topics discussed may include verifying accounting data, internal controls, and auditor liability in the preparation of audit reports. This course is not equivalent to similar 3000 or 4000 level courses at a University. Prerequisite: ACCT 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Discipline Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ACCT 2810, ACT 2810)

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Student Learning Outcomes**

- Define external auditing and describe its role in meeting society's demands for reliable financial and internal control information
- Define the various types of fraud that affect organizations and discuss auditors' fraud-related responsibilities and users' related expectations
- Describe the components of internal control and articulate its importance over financial reporting for organizations and their external auditors

- Discuss the liability environment in which auditors operate, explore the effects of lawsuits on audit firms, and articulate a framework for making quality professional decisions in selected audit settings
- Identify and explain the auditing standards that provide guidance on the audit opinion formulation process
- Discuss the importance of the evidence concepts of appropriateness and sufficiency and explain how those concepts are related to the risk of material misstatement
- Define the concepts of material misstatement and materiality and discuss how they relate to audit risk and detection risk
- Discuss sampling for the testing of controls and account balances, and describe the risks associated with sampling
- Identify the significant accounts, disclosures, relevant assertions, and risks associated with the revenue cycle
- Identify the significant accounts, disclosures, relevant assertions, and risks associated with auditing cash accounts
- Identify the significant accounts, disclosures, relevant assertions, and risks associated with the acquisition and payment cycle
- Describe the activities required to complete a quality audit
- Describe the audit opinion formulation process and the various types of audit reports

### *ACCT 2382 - Accounting Systems Applications*

3 sem hrs cr

This course presents the process of setting up and maintaining an accounting information system using computerized accounting software. This course is not equivalent to similar 3000- or 4000-level courses at a University. Prerequisite: ACCT 1010 and INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ACCT 2910, ACT 2910)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

- Describe how computer technology can be used to automate an accounting system and become familiar with the software by experimenting with a sample company
- Learn to edit the chart of accounts
- Learn to work with transactions modules
- Explore banking activities
- Learn to work with customer and sales transactions

- Learn to record vendors and expense-related transactions
- Learn to work with inventory items
- Learn to work with payroll
- Learn to record adjusting entries
- Learn to use QuickBook reports
- Learn to set up a new company and maintain accounting records for service businesses
- Learn to set up a new company and maintain accounting records for merchandising businesses
- Learn to record sales and customer receipts as well as sales tax information

*ACCT 2399 - Accounting Capstone*

3 sem hrs cr

This course reviews topics covered in courses included in the accounting curriculum.

Prerequisite: May only be taken with the permission of the Department Lead for Business & Technology.

*Formerly/Same As Same as ADMN 2390 - Capstone Experience for APT*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Course Competencies**

- Build student's knowledge of available resources for use in their work environment
- Extend students' knowledge of work productivity skills by setting objectives, organizing, prioritizing, and accomplishing specific tasks
- Expand students' understanding of critical thinking skills in relation to making decisions in an office setting

**Student Learning Outcomes**

Upon successful completion of this course, students should be able to...

- plan and execute a project efficiently.
- track time used to complete a project.
- complete projects working alone or with a team with frequently changing information.
- identify appropriate resources to problem-solve in the contemporary office.
- use Word, Excel, and/or PowerPoint to:
  - create, proofread, edit, and manage professional documents.
  - accurately apply standard rules of grammar.
  - create and apply graphics appropriately.
  - create and use Excel spreadsheets to track information, calculate and use statistical information.
  - create professional quality presentations using PowerPoint.
  - create, query and track information.
- identify professional organizations related to the profession of an administrative assistant.

- engage in continuing education and life-long learning.

### *ACCT 2990 - Independent Study in Accounting*

1-5 sem hrs cr

The Independent Study in accounting is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly ACT 2990)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### Administrative Professional Technology

#### *ADMN 1302 - Keyboarding/Formatting I*

3 sem hrs cr

This course is an introductory keyboarding course with an emphasis on the techniques of touch typing, speed building, and formatting of basic business documents.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- use correct posture and seating position for prevention of workforce injury.
- keyboard the home-row keys using touch method.
- keyboard the alphabets, numbers, and symbols using touch method on alphanumeric keypad.
- keyboard on the Ten-Key Numeric Keypad the numeric home-row keys using touch method.
- keyboard on the Ten-Key Numeric Keypad from home-row position all numbers and symbols.
- understand the function of the number lock key, enter key, and other function keys.
- develop time writing speed of 20-30 wpm with minimum errors on timed writing drills.
- format business documents correctly.
- create usable documents using word processing software and proofreading skills.
- know the basic parts of business letters, memos, and other correspondence.

## **Course Objectives**

- To improve students' overall Keyboarding Skills
- To increase students' speed and keyboard performance
- To improve students' knowledge and speed on the 10-key pad

### *ADMN 1306 - Medical Terminology I*

3 sem hrs cr

This course explores medical terminology through the study of anatomy and physiology, review of diseases, diagnostic procedures and related treatments with additional emphasis on specialties and diagnoses.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* NRS 1370 Medical Terminology for Healthcare Professionals

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Student Learning Outcomes**

By the end of the course, students will be able to...

- emphasize mastery of basic medical terminology elements-word roots, combining forms, prefixes, and suffixes.
- increase understanding of human anatomy and basic physiology for body systems.
- expand understanding of disease pathology, symptoms, and treatment as well as diagnostic and surgical procedures.
- develop ability to use medical terminology correctly in oral and written communication.
- develop ability to pronounce and spell medical terms.

### **Course Objectives**

- Describe the origin of medical language
- Use basic prefixes, suffixes, and combining forms to build medical terms
- Define basic terms used in documenting a history and physical
- Identify common abbreviations used in the medical record
- Identify common medical terminology related to the structure and function of the human body in health and disease
- Identify common symptomatic, diagnostic, operative and therapeutic terms associated with the various body systems
- Use basic medical terminology to understand the language found in a medical record
- Correctly spell medical terms

- Correctly pronounce medical terms

*ADMN 1308 - Office Procedures*

3 sem hrs cr

This course will have the student learn job functions that are common to most offices including scheduling appointments, processing incoming/outgoing communications and using telecommunications systems/services to accomplish tasks and follow procedures. The course is designed to teach problem solving and creative thinking from the perspective of an administrative office manager while maintaining the principles of human relations, ethics and legal perspectives.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the changing office to include office support function, telecommuting, and workplace ethics.
- develop professional skills to include technical skills, basic knowledge, and critical thinking skills.
- develop skills in time management and office organization.
- develop professionalism in using communications/telecommunications techniques.
- process traditional and electronic mail.
- demonstrate management of paper and electronic records.
- understand banking and accounting procedures in an office environment.
- understand the process of scheduling appointments and receiving visitors.
- develop skills in making travel arrangements, and planning meetings and conferences.
- develop skills for presentations and for future professional advancement.
- understand professional requirements for working in a medical office
- understand professional requirements for working in a legal office.

**Course Objectives**

- To gain knowledge of Office Procedures in the business office

*ADMN 1311 - Word Processing I*

3 sem hrs cr

An application oriented course that includes designing and editing a variety of business

documents, with emphasis on decision making and problem solving based on document design principles and mail standards.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (formerly INFS 1240, CITC 1306)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

Students will be able to...

- use character, paragraph, and page formatting commands efficiently.
- identify acceptable professional document layouts and design.
- create, edit, and print business documents using Word features.
- use basic and advanced features to create and edit tables.

#### **Topics Covered**

- Creating and editing documents
- Formatting and customizing documents
- Collaborating with others
- Using tables, columns and graphics
- Using templates and mail merge
- Using custom styles and building blocks
- Advanced tables and graphics
- Using desktop publishing and graphic features
- Working collaboratively and integrating applications

*ADMN 1313 - Spreadsheet Applications*

3 sem hrs cr

A study to provide fundamentals of spreadsheet applications including entering, formatting, charting, managing, and analyzing data using software. Prerequisite: INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (formerly INFS 1250, CITC 1307)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Students will be able to...

- create, edit, format, and print spreadsheets.
- enter formulas and functions in a spreadsheet.
- analyze and chart financial data
- manage multiple worksheets and workbooks.

**Course Outline Topics**

- Excel Basics Review
- Conditional Formatting
- Tables and Charts
- Meaningful Formulas
- PivotTables & Charts
- Visual Design
- Creating Dashboards
- Data Modeling
- Macros
- VBA (Visual Basic)
- PowerPivot

*ADMN 2303 - CPT Coding*

3 sem hrs cr

CPT Coding provides an introduction to the Current Procedural Terminology (CPT) and HCPCS Level II coding systems. Topics include CPT coding format and conventions, applying coding guidelines to ensure accurate code assignment, complexities of assigning evaluation and management codes and the format and usage of coding and modifiers. Prerequisite: ADMN 1306 and HCMT 2315

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- Use the CPT and HCPCS manuals to assign billing codes
- Demonstrate the ability to assign modifiers as appropriate to the related CPT code
- Explain evaluation and management code assignment
- Explain consultation codes



- Assign CPT codes associated with anesthesia services

### **Course Objectives**

- Identify when to use CPT codes
- Select the appropriate CPT code based on the case
- Describe the difference between CPT and HCPCS codes

### *ADMN 2304 - Introduction to Electronic Health Records*

3 sem hrs cr

Introduction to Electronic Health Records (EHR) presents the history of the EHR and the standards surrounding the EHR. The course provides the student with in-depth and practical training on a widely used EHR software program. Prerequisite: ADMN 1306 and HCMT 2315

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

- Summarize the history of the electronic health record (EHR)
- Summarize the standards history for the electronic health record
- Examine the components of the EHR
- Demonstrate the use of basic EHR software application features

### **Course Objectives**

- Describe the rules and policies associated with Electronic Health Records Systems
- Demonstrate how to use an Electronic Health Records System

### *ADMN 2311 - ICD-PCS Coding*

3 sem hrs cr

ICD-CM Coding introduces the student to coding conventions, guidelines, and proper use of the Index and Tabular Lists for coding diagnoses of ambulatory (outpatient) and inpatient medical necessity. HIPAA standards, reimbursement, and Medicare fraud/abuse are also reviewed.

Instruction focuses on mastery of coding guidelines and medical terminology used in professional medical practice. Prerequisite: ADMN 1306 and HCMT 2315

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

At the completion of this course, students will be able to...

- distinguish among Medicare Part A, B, C, and D.
- examine guidelines for reporting ICD-CM codes.
- explain the uses of coding conventions when assigning codes.
- identify the first-listed diagnosis. Validate V or Z code assignments.
- develop an awareness of the relationship between insurance billing/coding/insurance reimbursement and practice management to current health and medical topics of interest.

### **Course Objective**

To gain knowledge in Medical Coding as it pertains to ICD-10-CM and ICD-10-PCS coding

*ADMN 2313 - Health Insurance Survey*  
3 sem hrs cr

A study of the coding and billing processes of me plans and payers, claim form completion specific to the insurance carrier and reimbursement procedures. Prerequisite: ADMN 1306

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- enhance understanding of various insurance programs and plans using correct terminology.
- expand the student's understanding of the importance of diagnostic and procedural coding to physician reimbursement.
- expand understanding/knowledge of federal and state regulations (HIPPA, red flags, etc.) and ethical issues.
- emphasize mastery of use of electronic claims software.
- develop an awareness of the relationship between insurance billing/coding/insurance reimbursement and practice management to current health and medical topics of interest.

#### **Course Objectives**

- Gain an overview of medical insurance

- Gain knowledge medical service reimbursement payors
- Define basic terms used in medical insurance
- Gain knowledge on medical claims processing
- Identify how medical coding is used in health insurance and medical reimbursement

*ADMN 2390 - Capstone Experience for APT*

3 sem hrs cr

This culminating course will utilize the competencies developed in the professional courses to demonstrate decision-making and problem solving techniques in the field. Prerequisite: May only be taken with permission of Department Lead.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Course Competencies**

- Build student's knowledge of available resources for use in their work environment
- Extend students' knowledge of work productivity skills by setting objectives, organizing, prioritizing, and accomplishing specific tasks
- Expand students' understanding of critical thinking skills in relation to making decisions in an office setting

**Student Learning Outcomes**

Upon successful completion of this course, students should be able to...

- plan and execute a project efficiently.
- track time used to complete a project.
- complete projects working alone or with a team with frequently changing information.
- identify appropriate resources to problem-solve in the contemporary office.
- use Word, Excel, and/or PowerPoint to:
  - create, proofread, edit, and manage professional documents.
  - accurately apply standard rules of grammar.
  - create and apply graphics appropriately.
  - create and use Excel spreadsheets to track information, calculate and use statistical information.
  - create professional quality presentations using PowerPoint.
  - create, query, and track information.
- identify professional organizations related to the profession of an administrative assistant.
- engage in continuing education and life-long learning.

*ADMN 2395 - APT Internship*

3 sem hrs cr

This internship course requires students to apply critical-thinking, problem-solving, and

communication skills to a real or simulated business environment. Prerequisite: Minimum GPA of 2.0 and permission of the Department Lead

*Formerly/Same As Same as ACCT 2399 - Accounting Capstone*

**Transfer (UT) or Non-Transfer Course (UN): UN**

*ADMN 2990 - Independent Study in Administrative Professional Technology*  
1-5 sem hrs cr

The Independent Study in Administrative Professional Technology is a specially designed course for students interested in pursuing specific study project under the supervision of a discipline instructor and approved by an advisor, the course instructor and the appropriate Department Lead. No more than six semester hours in independent study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**African American Studies**

*AAST 2200 - African American Studies*  
3 sem hrs cr

A multidisciplinary approach to African American experiences during the 19th and 20th centuries. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**General Objectives**

- Recognize, describe, and explain social institutions, structures, and processes and the complexities of a global culture and diverse society
- Think critically about how individuals are influenced by political, geographic, economic, cultural, and family institutions in their own and other diverse cultures and explain how one's own belief system may differ from others
- Explore the relationship between the individual and society as it affects the personal behavior, social development and quality of life of the individual, the family and the community
- Examine the impact of behavioral and social scientific research on major contemporary issues and their disciplines' effects on individuals and society

- Using the most appropriate principles, methods, and technologies, perceptively and objectively gather, analyze, and present social and behavioral science research data, draw logical conclusions, and apply those conclusions to one's life and society

### **Specific Objectives**

- Identify the major social, cultural economic, and political themes in African American history
- Write analytical essays about African American history
- Use knowledge of the past to gain a better understanding of contemporary issues
- Recognize that past societies possess different cultural values than their own society

### **Agriculture**

#### *AGRI 1010 - Introduction to Agriculture Business*

3 sem hrs cr

Introduction to Agriculture Business is an introductory course covering the application of economic principles to problems of resource allocation in agribusiness firms. This course is designed to develop an understanding of the theoretical concepts and principles of economics as they apply to the food and agricultural industry. Emphasis is given to the application of economic principles in the production and consumption of food and fiber products. The course is intended to provide the student information concerning the role, scope, importance of food and agriculture industry in today's American economic system and discuss application of economic principles in decision making process. Prerequisite or Corequisite: MATH 0530 or MATH 1530

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Goals and Objectives**

- To increase the student's knowledge of economic theory as it relates to decision-making processes in agriculture by presenting basic economic theory; this will be illustrated with examples from resources, agriculture and food issues of today.
- To provide students with the understanding of basic concepts of micro- and macro-economics to deal with complex issues in decision-making processes
- To discuss special issues as they impact small farmers, rural development, environment and natural resources, and international trade in a global economy
- To enhance oral and written communication

#### **Student Learning Outcomes**

By the end of the course, students should be able to...

- describe how agribusiness firms operate in a global agri-food system and the role and scope of agribusiness in our economy.

- acquaint with micro and macro-economic theories in agribusiness management.
- develop analytical skills needed for agribusiness management.
- develop better writing and presentation skills.

*AGRI 1020 - Introduction to Animal Science*

3 sem hrs cr

This course is a study of animals in agriculture: body systems and development, principles of inheritance, fundamentals of feeding, the function of farm animals, animal sanitation, animal products, and the relationship to public health.

*Formerly/Same As* (Formerly AGR 1010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will...

- Understand basic principles of animal science
- Develop an insight into the challenges of animal production systems
- Know the following principles:
  - The scope of animal industries and their contribution to humans globally
  - Terminologies used in animal production systems
  - Livestock species and their economic importance
  - The genetic basis of animal production
  - Nutrients and their functions
  - Breeding and improvement of farm animals
  - Reproduction of farm animals
  - Growth and development
  - Animal health and disease control
  - General management of species and breeds of livestock

*AGRI 1030 - Introduction to Plant Science*

3 sem hrs cr

This course is a study of plant structure and the physiology, heredity, and environment in relation to growth, adaptation, and management of crops.

*Formerly/Same As* (Formerly AGR 1020)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

By the end of the course, students should...

- understand the role of cultivated plants as food sources.
- understand other benefits of cultivated plants.
- understand the challenges that await plant scientists as they attempt to feed a growing population on a dwindling land base.
- recognize plant cell parts, plant tissues, and plant organs.
- understand the basic functions of cells, tissues, and organs.
- understand how plants are named and classified.
- know how crops can be improved.
- understand the genetic principles of crop improvement.
- recognize some principles of asexual propagation by cuttings, grafting, micro-propagation.
- understand the principles of seed production, testing, and germinating.
- recognize and measure plant growth.
- understand some of the factors that affect plant growth
- understand the role of hormones in plant growth.
- understand the process of photosynthesis.
- understand the factors that influence photosynthesis in plants.
- understand the process of respiration and factors that influence it.
- understand the process of translocation.
- understand why plant processes are important in plant production.
- know how to describe soil and its components.
- understand the formation of soil.
- understand the physical and chemical properties of soil and how they affect plant growth.
- understand the mineral nutrition requirements of plants.
- understand the principles and practices of land conservation.
- understand the biological competitors of crops.
- understand how competitors affect crop production
- understand the principles and primary methods of how to control each crop competitor.
- know the names and characteristics of common trees and shrubs.
- understand how to choose and care for landscape plants.
- understand basic greenhouse structure.
- understand how the greenhouse environment is manipulated to grow plants.
- understand the principles of growing some greenhouse crops.
- understand crop groups and some uses of each group.

*AGRI 1050 - Introduction to Soil Science*

3 sem hrs cr

This course will engage students in understanding soil management relative to fertility, plant nutrition, tillage, erosion and environmental conditions as the origins of soils and soil properties are examined. The physical, chemical, and biological processes of soil will be introduced to in addition to the relation of soil and land use management.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon successful completion of the course, the student will...

- understand the origin and function of soil in the ecosystem.
- be able to classify soils.
- recognize and understand the chemical, physical, and biological components of soil.
- appreciate the importance of soils as a natural resource.
- understand nutrient management as it relates to soil quality and soil health.

*AGRI 2340 - Farm Animal Diseases*

3 sem hrs cr

This course is a study of commonly encountered diseases of farm animals (horses, cattle, sheep, hogs, and poultry), description of the diseases, pathogenesis, signs, and treatments. Special emphasis is placed on the on-farm recognition, prevention, and lay person treatment of farm animal diseases. Prerequisite: Completion of AGRI 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly AGR 2340)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

By the end of the course, students should be able to...

- develop an understanding of disease-causing organisms in domestic species and humans.
- utilize biological concepts to learn pathophysiological processes involved in infectious diseases along with disease diagnosis, treatment, prevention, and control.
- understand the basic epidemiological concepts.
- relate infectious disease outbreaks occurring in the world to classroom learning.

*AGRI 2990 - Topics in Agriculture*

1-5 sem hrs cr

Selected topics in agriculture is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.



No more than six semester hours in topics courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly AGR 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Anthropology**

*ANTH 1100 - Introduction to Anthropology*  
3 sem hrs cr

This course is a study of selected topics in General Anthropology with a focus on the ways this knowledge can be applied to everyday life. Subject matters include race, human evolution, language, religion, economics, kinship, and globalism. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly ANT 2010, ANTH 2010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

Students will...

- explore the breadth of the study of anthropology, understanding its interest in global diversity and cross-cultural comparison.
- be able to present a clear explanation of the anthropological perspective (cultural relativism, comparative, and holism) and how it can be applied in everyday life.
- be able to give a clear definition of the anthropological concept of culture.
- understand the four-fold approach of American anthropology (archeology, socio-cultural, biological, and linguistics) and the historical circumstances that led to this approach.
- understand the anthropological concepts of biological and cultural evolution and some of the more important scientific models of these concepts.
- recognize the key methodological concerns of each of the four sub-disciplines of American anthropology, particularly participant observation.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- critically examine scientific theories of human culture, biology, and evolution.
- explore human diversity, both cultural and biological, from a global perspective.
- practice locating, evaluating and citing scientific literature.
- practice holistic thinking about contemporary social problems.

- consider the historical forces that have shaped anthropology as a discipline.

*ANTH 2990 - Independent Study in Anthropology*

1-5 sem hrs cr

The Independent Study in Anthropology is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly ANT 2990)

**Transfer (UT) or Non-Transfer Course (UN): UN**

Art

*ART 1035 - Introduction to Art*

3 sem hrs cr

This course is designed to help students understand the visual arts--painting, drawing, sculpture, and architecture--and to show how culture and art interact.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ART 1030, ARTA 1030)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- analyze significant primary texts and works of art (ancient, pre-modern, and modern) as forms of cultural and creative expression.
- explain the ways in which humanistic and/or artistic expression throughout the ages expresses the culture and values of its time and place.
- explore global/cultural diversity.
- frame a comparative context through which they can critically assess the ideas, forces, and values that have created the modern world.
- recognize the ways in which both change and continuity have affected human history.
- practice the critical and analytical methodologies of the Humanities and/or Fine Arts.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art.
- distinguish the major media used in drawing, painting, sculpture, and photography.
- relate and interpret these works in their specific historical and socio-political context.
- compare, contrast and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.
- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary models.

### *ART 1045 - Drawing I*

3 sem hrs cr

This studio course provides the beginning student with methods of free-hand drawing.

(Additional three hours of lab required per week.) *Formerly/Same As* (Formerly ART 1210, ARTP 1010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- demonstrate an understanding of the basic principles and techniques of drawing and drawing media.
- demonstrate an understanding of various approaches to drawing, including observational skills as well as development of form, structure, tone, and composition.
- demonstrate an understanding to translate visual relationships onto a two-dimensional surface to introduce media and methods of drawing and seeing.
- demonstrate the ability to introduce and expand your knowledge of the visual elements and principles of art.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art.
- distinguish the major media used in drawing, painting, sculpture, and photography.
- relate and interpret these works in their specific historical and socio-political context.
- compare, contrast, and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.

- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary models.

### *ART 1050 - Drawing II*

3 sem hrs cr

This studio course is a continuation of ART 1045 Drawing I with specific emphasis on analytical skills, cognitive development, critical skills development, and the exploration of alternative techniques and media. Prerequisite: ART 1340 and ART 1045

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

(Additional three hours of lab required per week.) *Formerly/Same As* (Formerly ART 1220, ARTP 1020)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of this course, students will be able to...

- demonstrate proficiency in representational drawing skills, acquired in Drawing I, to more advanced problems.
- demonstrate fundamental studio practice, techniques, materials, and various creative methodologies.
- identify and articulate the significance of major periods and works in the history of art (Western).
- demonstrate critical analysis applied to their own work and the work of others.
- communicate effectively orally and in writing about art.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art.
- distinguish the major media used in drawing, painting, sculpture, and photography.
- relate and interpret these works in their specific historical and socio-political context.
- compare, contrast, and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.
- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary model.

*ART 1340 - Foundations Studio I*

3 sem hrs cr

This studio course uses a contemporary approach to the elements and principles of two-dimensional art.

(Additional three hours of lab required per week.) *Formerly/Same As* (Formerly ARTP 1110, ART 1110)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- demonstrate the ability to analyze and evaluate, orally and in writing, two-dimensional compositions utilizing relevant art terminology and the critique process.
- demonstrate the ability to identify and understand the varied functions of the visual elements of art (Line, Shape, Light, Value, Color, Texture, Space, Time, and Motion).
- demonstrate the ability to identify and understand the principles of organization, composition, and design (Unity and Variety, Balance, Emphasis and Focal Point, Rhythm, Scale, and Proportion).
- demonstrate the ability to adopt a creative approach to problem solving and to become self-critical in the editing of work.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art.
- distinguish the major media used in drawing, painting, sculpture, and photography.
- relate and interpret these works in their specific historical and socio-political context.
- compare, contrast, and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.
- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary models.

*ART 1350 - Foundations Studio II*

3 sem hrs cr

This studio course uses a contemporary approach to the elements and principles of three-dimensional art.

(Additional three hours of lab required per week.) *Formerly/Same As* (Formerly ARTP 1120, ART 1140)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**INDIVIDUAL OBJECTIVES**

By the end of the course, students will be able to...

- understand the difference between a two-dimensional picture plane and a three-dimensional object with volume, space, and structure.
- acquire a working knowledge of a variety of traditional and contemporary three-dimensional art materials.
- obtain basic knowledge of various techniques and methods as they apply to different design problems.
- gain an overview of some of the more significant expressive forms and concepts that constitute three-dimensional art and design.
- increase one's imaginative capacity and acquire some disciplined strategies for developing creative ideas and pushing your ideas toward a greater refinement and completion.
- deepen awareness and sensitivity of the formal elements and principles that apply to various three-dimensional concepts and problems.
- increase vocabulary and ability to analyze, understand, and articulate response to various three-dimensional forms.
- expand historical knowledge of diverse classic and contemporary types of form and styles of design.

*ART 2000 - Art History Survey I*

3 sem hrs cr

This course is a historical analysis of the arts of the Western tradition from the Paleolithic era through the Gothic period. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly ART 1920, ARTH 2010)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- analyze significant primary texts and works of art (pre-modern, modern, and contemporary) as forms of cultural and creative expression.

- explain the ways in which humanistic and/or artistic expression from the late Gothic to the present expresses the culture and values of its time and place.
- explore global/cultural diversity.
- frame a comparative context through which one can critically assess the ideas, forces, and values that have created the modern world.
- recognize the ways in which both change and continuity have affected human history.
- practice the critical and analytical methodologies of the Humanities and/or Fine Arts.

#### Course Objectives

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art from Prehistoric to the Gothic period.
- distinguish the major media used in drawing, painting, sculpture, photography, and architecture.
- relate and interpret works of art in their specific historical and socio-political context.
- compare, contrast, and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.
- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary models.

#### *ART 2020 - Art History Survey II*

3 sem hrs cr

This course is a historical analysis of the arts of the Western tradition from the late Gothic period to the present. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly ART 1930, ARTH 2020)

#### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- analyze significant primary texts and works of art (pre-modern, modern, and contemporary) as forms of cultural and creative expression.

- explain the ways in which humanistic and/or artistic expression from the late Gothic to the present expresses the culture and values of its time and place.
- explore global/cultural diversity.
- frame a comparative context through which one can critically assess the ideas, forces, and values that have created the modern world.
- recognize the ways in which both change and continuity have affected human history.
- practice the critical and analytical methodologies of the Humanities and/or Fine Arts.

## **Course Objectives**

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art from the late Gothic period to the present.
- distinguish the major media used in drawing, painting, sculpture, photography, and architecture.
- relate and interpret works of art in their specific historical and socio-political context.
- compare, contrast, and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.
- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary models.

### *ART 2030 - Painting*

3 sem hrs cr

This studio course provides the basic techniques of painting with acrylics.

(Additional three hours of lab required per week.) *Formerly/Same As* (Formerly ARTP 2030, ART 2310)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to demonstrate...

- an understanding of the basic principles and techniques of drawing and drawing media.
- an understanding of various approaches to drawing, including observational skills as well as development of form, structure, tone, and composition.
- an understanding to translate visual relationships onto a two-dimensional surface to introduce media and methods of drawing and seeing.
- the ability to introduce and expand their knowledge of the visual elements and principles of art.



## Course Objectives

Throughout the course, students will have the opportunity to...

- recognize the major historical styles of art.
- distinguish the major media used in drawing, painting, sculpture, and photography.
- relate and interpret these works in their specific historical and socio-political context.
- compare, contrast, and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and distinguish subject matter from different periods or as depicted by different artists.
- relate structure and style with relevant media and technology.
- synthesize the characteristics and styles of these historical models and apply these to analyzing contemporary models.

### *ART 2110 - Graphic Design Technologies*

3 sem hrs cr

This course provides the procedures involved in the production of graphic design materials by means of computer and basics of word processing, drawing, and page layout programs for graphic design. Prerequisite: ART 1340 and ART 1350

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

(Additional three hours of lab required per week.) *Formerly/Same As* (Formerly ARTP 2110)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

Students will be able to...

- utilize relevant applications of tools and technology in the creation, reproduction, and distribution of visual messages.
- apply graphic design principles in the ideation, development, and production of visual messages.
- identify and utilize design history, theory, and criticism from a variety of perspectives, including art history, communication/information theory, and the social/cultural use of design objects.
- confidently participate in professional design practice and management within a collaborative work environment.
- employ best practices and management in the design profession and within a collaborative work environment.

### *ART 2120 - Life Drawing*

3 sem hrs cr (6 hours studio)

This studio course focuses on drawing the human form, emphasizing both traditional techniques and a contemporary approach.

(Additional three hours of lab required per week.)

\*This course satisfies the three-hour elective requirement for the TTP for East Tennessee State University and the University of Tennessee, Knoxville.

*Formerly/Same As* (Formerly ARTP 2120)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

Students will be able to...

- identify and illustrate the essential skeletal and muscular landmarks of the human body.
- demonstrate a basic competency to foundational components of figure drawing such as gesture, mass, volume, foreshortening, and proportion.
- demonstrate an accurate depiction of the human figure in terms of proportional and spatial relationships
- demonstrate an understanding of various approaches to drawing the figure, including observational skills as well as development of form, structure, tone, and composition.

*ART 2130 - Printmaking I (Serigraphy)*

3 sem hrs cr

This studio course provides the student with an introduction to the serigraph (silkscreen) processes of printmaking.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

##### **Student Learning Outcomes**

By the end of the course, students will be able to...

- understand serigraphy printing process as a creative medium.
- communicate effectively about the art of printmaking through the description, analysis, interpretation, and judgment of art works.
- apply critical thinking to visual problem solving.
- identify the Formal Elements and Principles of Design when comparing works of art.
- revise and edit projects at various stages in response to critical analysis.
- prepare and create an edition of serigraph prints with an emphasis on process.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- recognize the technical aspects of serigraphy printing.

- compare, contrast, and distinguish screen printing as a visually expressive medium from different periods or as depicted by different artists.
- participate in studio experience and critique, examining the historical and contemporary significance of a variety of printmaking media.
- constructively criticize their own work as well as others through oral, written, and formal presentations.

*ART 2420 - Ceramics I (Hand Building)*

3 sem hrs cr

This course provides the student with studio experiences in designing and creating three-dimensional ceramic forms emphasizing techniques of hand construction. Six-hour studio course.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

Students will...

- have a basic working knowledge of ceramic forming and decorating methods.
- have an enhanced ability to purposefully and effectively design and create interesting and original ceramic objects.
- have a basic awareness of historical/contemporary ceramics and the ethnic and cultural diversity in ceramic form and process world-wide.
- be able to visually communicate and justify effectively during studio critiques and discussions
- be able to operate appropriately, responsibly, and effectively in a community art studio environment.

*ART 2510 - Sculpture I*

3 sem hrs cr

This course provides the student with an introduction to the processes and techniques used in sculpture, including modeling, mold making, and plaster-and-wood construction. Six-hour studio course.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**General Objectives**

1. Recognize the technical aspects of both additive and subtractive sculptural processes focusing on clay, plaster, and wood construction
2. Develop an art vocabulary specific to sculpture/3-D and implement through critiques, written work, and class discussions
3. Participate in studio experience and critique, examining the historical and contemporary significance of a variety of sculpture media

4. Constructively criticize own work as well as others' through oral, written, and formal presentations

### **Specific Objectives**

1. Understand multiple sculpture processes as a creative medium
2. Communicate effectively about the art sculpture through the description, analysis, interpretation, and judgement of art works
3. Apply critical thinking to three-dimensional visual problem solving
4. Identify the Formal Elements and Principles of Design when comparing works of art
5. Revise and edit projects at various stages in response to critical analysis
6. Prepare and create sculptural projects with an emphasis on process

### *ART 2990 - Independent Study in Art*

1-5 sem hrs cr

The Independent Study in Art is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements *Formerly/Same As* ARTA 2990

### **Transfer (UT) or Non-Transfer Course (UN): UT**

### **Astronomy**

### *ASTR 1010 - Solar System Astronomy*

4 sem hrs cr

This survey course covers the history of astronomy; methods of astronomy; the formation of the solar system; the orbital, rotational, and physical characteristics of the planets, moons, asteroids, meteoroids, and comets; and the structure, characteristics, and scale of the Sun, stars, and galaxies. Students will identify, locate, and specify locations of the visible planets, some constellations, and other astronomical objects visible in the night sky during the course. Laboratory topics will include sky observations and constellation studies. Prerequisite: Exemption from or completion of Learning Support competency courses. (Completion of Math 1010 or higher is recommended, as some concepts of astronomy and some laboratory exercises require the ability to understand and perform some basic algebraic manipulations.)

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* ASTR 1030

### **Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Student Learning Outcomes**

At the completion of this course, students will be able to...

- obtain a broad overview of the solar system.
- gain a working knowledge of gravity.
- gain an understanding of light and telescopes.
- obtain an overview of the lifetime of a star.
- learn the fundamentals of the planets in our solar system and beyond.

## **Biology**

*BIOL 1010 - Introduction to Biology*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course examines basic biological principles and surveys the kingdoms of living organisms. Specific topics include: cell structure and function, cell processes and reproduction, inheritance, taxonomy, viruses, bacteria, protists, fungi, plants, animals, and ecology. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

\*This course cannot be paired with BIOL 1110 or BIOL 1120 to meet the General Education science requirement.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIO 1000, BIO 1410, BIOL 1030)

**Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Student Learning Outcomes**

The student will...

- investigate the structure and function of plant and animal cells.
- investigate how plants produce food and discover that plants and animals use food to sustain life.
- study the basic structure of DNA and understand the basic principles of inheritance.
- understand the characteristics and criteria used to classify microorganisms, plants, and animals into Domains and Kingdoms.
- understand that living things have evolved over time.

- investigate how living things interact with one another and with non-living elements of their environment.
- understand plant and animal structures and functions.

*BIOL 1110 - General Biology I*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course examines in detail the physical and chemical basis of life with emphasis on cell processes, reproduction, and inheritance. A unit on Eubacteria, Archaeobacteria, Protista, and Fungi introduces the student to four of the six kingdoms of living organisms. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIO 1410)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the basic chemical makeup of living organisms.
- understand the principal energy process of metabolism, including photosynthesis and all respiration.
- understand the significance of cell structure and function in life's processes.
- identify DNA's significance to reproduction and heredity to living things.
- identify and classify the major groups of microorganisms, including viruses, bacteria, protists, and fungi.
- identify basic steps of the Scientific Method.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- determine the presence of chemicals necessary for living systems.
- view the production of end products of metabolic processes for both photosynthesis and respiration.
- observe the cellular structure of the major groups of microorganisms.
- view DNA and the cellular reproductive process.

- practice utilizing each of the steps of the Scientific Method during laboratory sessions.

*BIOL 1120 - General Biology II*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course examines the major groups of plants and animals. Emphasis is placed on the taxonomy, morphology, physiology, ecology, and evolution of these two kingdoms. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIO 1420)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students should...

- be knowledgeable of taxonomy and the evolutionary relationships and significant innovations regarding the different plant and animal groups.
- be knowledgeable of animal characteristics related to advancement and complexity and their application to the major animal phyla.
- know the major human body systems including the circulatory, digestive, respiratory, nervous, muscular, skeletal, and reproductive systems.
- be knowledgeable about anatomical structures and reproductive features of both non-flowering and flowering plants.
- know the significant plant division characteristics.
- know significant ecological relationships regarding populations, communities, ecosystems, and biomes.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- utilize taxonomy in describing relationships between organisms.
- observe characteristics unique to each animal phyla.
- gain a detailed understanding of select human body systems.
- view plant anatomical structures and features showing plant division characteristics.

- gain an understanding of ecological relationships.

### *BIOL 1510 - Environmental Science I*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course introduces students to the current principles and techniques of environmental science. Topics include ecology, energy resource management, pollution and sustainability. Local field trips and laboratory exercises will be a major portion of this course. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIO 1330, BIOL 1330)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students should...

- be knowledgeable of the overview of environmental science and environmental systems.
- understand the interactions between the living and non-living world.
- have knowledge of evolution and biodiversity.
- be knowledgeable of population and community ecology.
- be knowledgeable of water resource issues: supply, distribution, use, and pollution.
- have knowledge of nonrenewable resources and renewable resources.
- have knowledge of pollution and its effects on the environment.
- be knowledgeable of conservation.
- be knowledgeable of climate change.
- understand sustainability.

#### **Student Objectives**

Throughout the course, students will have the opportunity to...

- attend all lectures and to attend and participate in all labs.
- spend time outside class in the lab for independent study.
- diligently study both text and notes.
- seek outside help from the instructor as needed.



- demonstrate knowledge of the Environmental Science to be assessed by the following lecture exams, quizzes, field reports, and topic presentation.

*BIOL 2010 - Human Anatomy and Physiology I*

4 sem hrs cr

(3 hours lecture, 3 hours lab)

This course is a study of the organization, structure and function of the human body emphasizing the integumentary, skeletal, muscular, and nervous systems (including the special senses). Prerequisite: Exemption from or completion of learning support competency courses *AND* completion of BIOL 1110 with a "C" or better *OR* completion of BIOL 2230 with a "C" or better *OR* a score of 80% or higher on the BIOL 1110 Challenge Exam *OR* an ACT score of 19 or better in Science Reasoning.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIO 2710)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Describe the physical organization of the human body and explain how interaction between body components is critical for the maintenance of homeostasis
- Name, locate, and explain the physiological functions of the major anatomical components of the:
  - skeletal system
  - muscular system
  - nervous system
  - integumentary system
  - organs of the special senses

*BIOL 2020 - Human Anatomy and Physiology II*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is a study of the organization, structure and function of the human body emphasizing the cardiovascular (including the lymphatic system and immunity), respiratory, digestive, urinary (including fluid, electrolyte, and acid-base balance), reproductive, and

endocrine systems. Strongly Recommend BIOL 1110 prior to BIOL 2020. Prerequisite: Completion of BIOL 2010 with a grade of "C" or better.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIO 2720)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Course Objectives**

- Name, locate, and explain the physiological functions of the major anatomical components of the:
  - cardiovascular system
  - respiratory system
  - digestive system
  - urinary system
  - reproductive system
  - endocrine system

*BIOL 2230 - Microbiology*

4 sem hrs cr

(3 hours lecture, 3 hours lab)

This course is a study of micro-organisms, especially bacteria, with emphasis on cytology, morphology, physiology, genetics, medical aspects, and cultural techniques. Laboratory experiments are designed to familiarize the student with microbiological techniques, cultivation, isolation, identification of bacteria and other micro-organisms. Prerequisite: Exemption from or completion of learning support competency courses *AND* completion of BIOL 1110 with a "C" or better *OR* completion of BIOL 2010 with a "C" or better *OR* a score of 80% or higher on the BIOL 1110 Challenge Exam *OR* an ACT score of 19 or better in Science Reasoning.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly BIO 2310)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the basic chemical makeup of living organisms.
- comprehend and evaluate the significance of cell types including structure and function in life's processes.
- analyze the principal energy process of microbial metabolism, including photosynthesis and cell respiration.
- identify and evaluate DNA's significance to reproduction and heredity to living organism.
- analyze the major groups of microbes, including viruses, bacteria, protists, and fungi.
- aseptically manipulate, research, and identify microorganisms in culture.
- evaluate the human microbe interaction including: disease, epidemiology, antimicrobial agents, immune cells, and environmental symbiosis.

#### **Student Objectives**

Throughout the course, students will have the opportunity to...

- be exposed to all lecture materials and participate in all labs.
- spend time outside class for independent study.
- diligently study both text and notes.
- seek outside help from the instructor as needed.
- demonstrate a working knowledge of microbiology to be assessed by lecture and lab exams.

*BIOL 2420 - Genetics*

4 sem hrs cr

(3 hours lecture-3 hours lab)

Mendelian genetics, chromosomal inheritance, modified Mendelian ratios, chromosome mapping, linkage, gene and chromosomal mutations, recombination, gene expression, recombinant DNA technology, transposable elements, extranuclear genome, population genetics, and quantitative genetics. Course includes three hours of lecture and three hours of laboratory applications each week. Prerequisite: BIOL 1110 or BIOL 2010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please

consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*BIOL 2990 - Independent Study in Biology*

1-5 sem hrs cr

The Independent Study in Biology is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Business**

*BUSN 1300 - Personal Finance*

3 sem hrs cr

This course helps students to define and reach personal financial goals. Topics may include planning, budgeting, taxes, credit, housing, insurance, investing, and retirement planning.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BUS 1300)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Students will be able to...

- explain the components of financial planning.
- evaluate alternative purchasing, financing, insurance, and investment options.

**Topics Covered**

- Concepts of personal finance and the importance of financial planning
- Developing a comprehensive financial plan for the student and/or the family unit
- Career options and their potential impact on the student's financial future
- The impact of financial decisions on the student's personal income tax situation

- Analyzing the process for making appropriate purchasing decisions, specifically in the areas of transportation, housing, and household items
- Developing a plan for managing debt and creditworthiness
- Insurance options, including property and liability insurance, health and disability insurance, and life insurance
- Saving and investing options, with consideration for retirement and estate planning

*BUSN 1305 - Introduction to Business*

3 sem hrs cr

This course provides an introduction to the business environment. Topics may include business ownership and organization, management, marketing, business ethics, accounting, economics, finance, and business careers.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly BUS 1210)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- Describe the current business environment and how current business trends affect career choices
- Analyze the impact of the economic environment and the global marketplace on business opportunities
- Explain the role of social responsibility and business ethics in the management of business
- Analyze and evaluate the basic forms of business ownership/organization
- Describe the role of entrepreneurship and small business in the current business environment
- Describe, analyze, and evaluate the opportunities available for acquiring and using funds in business
- Describe, analyze, and evaluate the various components of the securities markets
- Discuss the objectives, process, and scope of marketing, including the marketing strategy and marketing research
- Describe the product strategy and promotional strategy in the marketing mix and how these strategies create and communicate value
- Describe the various components of the distribution strategy and pricing strategy in the marketing mix
- Discuss the role of management in motivating and leading the business organization
- Describe the processes in human resource management that build a quality workforce
- Discuss the role of information and technology in the success of business organizations

## **Course Outline/Topics**

- Business Environment Overview
- Economics
- World Marketplace
- Business Ethics and Social Responsibility
- Business Formation
- Small Business and Entrepreneurship
- Financing and Financial Markets
- Marketing: Product, Promotion, Distribution, and Price
- Management, Motivation, and Leadership
- Human Resource Management
- Managing Information and Technology

### *BUSN 1310 - Business Communications*

3 sem hrs cr

This course is a study of the principles, practices, and mechanics of various types of effective written and oral business communications. Prerequisite: ENGL 1010 and INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

All documents must be typewritten.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BUS 2220)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

Students will be able to...

- explain communication processes, barriers to communication, team communication, and intercultural communication.
- apply the steps in the writing process and the concepts for writing letters, memos, emails, business reports, proposals, and oral presentations.

### *BUSN 1320 - Business Calculations*

3 sem hrs cr

This course is a study of the application of mathematics to solve problems related to routine business operations. Topics may include insurance, taxes, consumer credit, retail applications,

investments, and introductory statistics. Prerequisite: Documented eligibility for collegiate mathematics and INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly BUS 1220)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Objectives**

- Develop a solid business math foundation to successfully handle problems encountered in their day-to-day activities
- Understand the use of percentages in calculating expected costs, revenues, and profits
- Understand the use of ratios in evaluating business conditions and operations
- Use provided financial statements to calculate ratios and percentages
- Understand the concept of the time value of money and be able to use provided tools to estimate present and future values of lump sum and periodic payments
- Demonstrate the ability to estimate implied interest rates when none are stated
- Develop an operational budget based on past performance and assumptions of future situations
- Develop a cash budget based on projected future performance and assumptions of future situations
- Understand the application of business estimates based upon given information and various formulae provided
- Demonstrate the ability to calculate revenues required to break-even or meet a given percentage of net income
- Calculate payroll costs using information and tax rates given
- Understand and calculate various taxes associated with small businesses

*BUSN 1330 - Entrepreneurship*

3 sem hrs cr

This course explores the strategies necessary to start and operate a business. Topics may include development of a business plan and strategies in marketing, management, finance, accounting, customer service, and operations. Prerequisite: BUSN 1305

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly BUS 2900)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

*BUSN 1340 - Small Business Management*

3 sem hrs cr

This course is a study of the techniques of organizing and operating a small business, which may include development of the business plan, finance options, management of human resources, the firm's assets and risk, global opportunities, and exit strategies.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly BUS 2750)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- To know the demands of the entrepreneurial life
- To learn the nature and the opportunities available in a small business
- To understand how to start a small business
- To learn how to market a small business
- To understand the managerial aspects of a small business
- To learn how to implement controls in the small business
- To know the legal and social environments that small businesses must operate
- To prepare a business plan for a small business

*BUSN 1350 - Sales and Service*

3 sem hrs cr

This course is an introduction to the fundamentals of customer service and selling. Topics may include developing and conveying a positive attitude, identifying buying motives and customer needs, developing and delivering a sales presentation, customer approaches, sales strategies, and cultivating repeat business through service.

*Formerly/Same As (Formerly BUS 2400)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**STUDENT LEARNING OUTCOMES**

By the end of the course, students will be able to...



- describe the evolution of customer service and its impact on business today.
- develop a personal selling philosophy, a relationship strategy, a product strategy, a customer strategy, and a customer presentation strategy.

*BUSN 2330 - Principles of Management*

3 sem hrs cr

This course is a study of management through analysis of the functions of planning, organizing, leading, and controlling. Prerequisite: BUSN 1305

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BUS 2710)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students should be able to...

- identify the functions of a manager, as well as discuss what management is and why managers are needed.
- discuss the history and theory of management.
- recognize the internal and external environment and how it relates to particular industries.
- develop the basic planning process.
- use the decision-making process to make better decisions.
- understand organizational principles and design.
- develop techniques to manage change.
- demonstrate how to effectively communicate, interpersonally and organizationally.
- explore human motivation by looking at different motivation theories.
- define and understand characteristics of different leadership styles.
- understand characteristics of different leadership theories.
- define total quality management and discuss the pros and cons.
- explain operations management.
- explain entrepreneurship.
- define international management and discuss the problems that can occur when doing business internationally.
- discuss managing individual behavior.
- discuss problems and challenges of teamwork.

*BUSN 2340 - Human Resource Management*

3 sem hrs cr

This course is a study of principles of human resource management, which may include equal employment law and the recruitment, selection, and development of human resources.

Prerequisite: BUSN 1305

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BUS 2500)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- Explain how a firm's human resources influence its performance and describe how firms can use HR initiatives to cope with workplace changes and trends
- Describe the organizational, group, and individual perspectives of work
- Describe equal employment opportunity laws
- Describe diversity and understand the major challenges in managing employee diversity
- Describe the issues and challenges involved in the hiring process
- Describe the different types of employee separations
- Describe the issues and challenges involved in performance appraisal
- Explain the difference between training and development and learn strategies for managing the training process
- Understand what criteria are involved in successful career development programs
- Describe the components of total compensation and learn how to design a compensation system
- Discuss the issues and challenges involved in pay for performance systems
- Explain both voluntary and required benefits and learn practices for administering benefits
- Explain the importance of effective employee communications and discuss employee recognition programs
- Explain employee and management rights and learn strategies for effectively managing discipline

*BUSN 2360 - International Business*

3 sem hrs cr

This course is a survey of the major issues associated with conducting international business. It

provides students an understanding of the growing global marketplace. Prerequisite: BUSN 1305

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BUS 2010)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

- Explain the concepts of international business and global business
- Discuss the impact of each of the following forces on international business: sociocultural, natural, political and trade, legal, financial, and labor
- Explain resources and capabilities and how value is created from a firm's resources and capabilities
- Describe the classical and modern theories of international trade
- Discuss the concepts and principles associated with foreign direct investment
- Explain how international businesses must deal with foreign exchange rates
- Discuss how the international business capitalizes on global and regional integration
- Describe strategies for entering foreign markets and strengthening entrepreneurial ability on an international level
- Explain the requirements for a firm's successful entry into a foreign market
- Describe alliances and acquisitions and the steps necessary for successful global alliances and acquisitions
- Explain how institutions and resources affect multinational strategy, structure, and learning and the challenges associated with these
- Describe the complexities of managing human resources in an international context
- Identify methods for managing corporate social responsibility

*BUSN 2370 - Legal Environment of Business*

3 sem hrs cr

This course is a study of the principles of the American legal system as they relate to the conduct of business in our society.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly BUS 2610)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- Define morals and ethics and explain the importance of ethics to businesses and to society as a whole
- Discuss the primary sources of law in the United States and explain the process by which laws are enacted
- Provide an overview of judicial procedure, comparing and contrasting civil and criminal procedure
- Discuss the definition, objectives, and categories of criminal law as well various defenses to criminal liability
- Discuss negligence and intentional torts as related to business environments
- Provide an overview of contract law including the requirements for a valid contract
- Describe the issues associated with offers, acceptance, and mutual assent in contracts
- Discuss the requirement of valid consideration for a contract
- Discuss the issues surrounding the legal capacity to contract
- Describe the statute of torts and which contracts must be in writing to be enforceable
- Provide an overview of federal bankruptcy legislation
- Discuss significant employment laws and the rights and responsibilities of employees and employers
- Define personal property and discuss issues associated with obtaining and transferring title to personal property as well as the various forms of property ownership
- Discuss the legal issues involved in owning real property and the landlord/tenant relationship

*BUSN 2375 - Career Development*

3 sem hrs cr

This course is a study of methods for successful entry into work organizations and continued success after employment. Topics may include job search methods; evaluation of employment opportunities; preparation of job application documents; interviewing techniques; work skills and attitudes; and other topics related to the successful pursuit of a career.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly BUSN 2910, BUS 2910)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**STUDENT LEARNING OUTCOMES**

- Describe successful practices to be followed in the job-search process
- Create effective documents to be used in the job-search process
- Discuss successful workplace practices that may include the areas of ethics, politics, diversity, etiquette, professionalism, customer service, communication, accountability, workplace relationships, motivation, leadership, and conflict

*BUSN 2380 - Principles of Marketing*

3 sem hrs cr

This course is a study of basic marketing principles and practices, including the selection of target markets and the development of the marketing mix (product, price, promotion, and place of distribution).

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BUS 2810)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of course, students will demonstrate ability to...

- explain the philosophies and goals of the marketing system and discuss the marketing management process.
- explain the components of the microenvironment and the macroenvironment and how each factor influences the marketing process.
- identify and discuss the marketing information system.
- identify concepts influencing consumer behavior and business/organizational behavior associated with the buying process.
- classify consumer and industrial/business products and the procedure in developing a new product.
- discuss marketing channels.
- analyze and discuss the marketing mix and promotion mix.
- discuss online marketing.
- discuss society's influences on marketing and public policy and ethical issues.
- analyze and compose solutions to unit assignments and activities.

*BUSN 2385 - Project Management and Design*

3 sem hrs cr

This course focuses on a general approach to project management. The content deals with planning, scheduling, organizing and controlling projects. Primary class emphasis is on the project management process and tools. This introductory course includes the major topics of

organization strategy and project selection, project definition, project time estimation, project plan development, resource scheduling and leadership.

*Formerly/Same As* CITC 1334

**Transfer (UT) or Non-Transfer Course (UN): UN**

*BUSN 2905 - Mid-Management Specialty Work Experience*  
6-12 sem hrs cr

This course reflects credit awarded for documented work experience of a managerial or supervisory nature. A maximum of 12 hours (6 hours credit for each year in excess of three years' work experience or apprenticeship) can be credited to this course. Prerequisite: Approval by Department Lead

**Transfer (UT) or Non-Transfer Course (UN): UN**

*BUSN 2990 - Independent Study in Business*  
1-5 sem hrs cr

The Independent Study in Business is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly BUS 2990)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Chemistry**

*CHEM 1010 - Introduction to Chemistry*  
4 sem hrs cr

(3 hours lecture, 3 hours laboratory)

This course provides an overview of basic chemical principles and applications. Specific topics include: measurements, interpretation of graphs, atomic structure, nuclear chemistry, chemical bonding and molecular structure, and solutions. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

\*Cannot be paired with CHEM 1110 or CHEM 1120 to meet the General Education science requirement.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

After completing the requirements of CHEM 1010, students will be able to...

- understand and be able to explain the general principles, laws, and theories of chemistry that are discussed throughout the semester.
- use critical thinking and logic in the solution of problems.
- apply learned chemistry skills to new situations.
- apply chemical principles in the laboratory setting.
- recognize the value of chemistry in our daily lives.

**Student Learning Outcomes**

- Describe the activities that are part of the scientific method
- Perform math calculations that involve positive and negative numbers, percentages, and solving equations
- Use the numeric values of prefixes to write a metric equality
- Use conversion factors to change from one unit to another
- Classify examples of matter as pure substances or mixtures
- Identify the states and the physical and chemical properties of matter
- Calculate the energy released or absorbed as matter changes states between solids, liquids, and gases
- Determine the number of protons, neutrons, and electrons in an atom given the mass number
- Describe the energy levels, sublevels, and orbitals for the electrons in an atom
- Use the electron configurations of elements to explain the trend in periodic properties
- Describe alpha, beta, positron, and gamma radiation
- Write the symbols for the simple ions of the representative elements
- Use electronegativity to determine the polarity of a bond
- Predict the three-dimensional structure of a molecule, and classify it as polar or nonpolar
- Write a balanced chemical equation from the formulas of the reactants and products for a reaction
- Given the chemical formula of a substance, calculate its molar mass
- Use the ideal gas law equation to solve for pressure, volume, temperature or the number of moles of a gas when given three of the four values in the ideal gas law equation
- Identify the solute and solvent in a solution
- Calculate the concentration of a solute in a solution
- Describe how temperature, concentration, and catalysts affect the rate of a reaction

*CHEM 1110 - General Chemistry I*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is a study of fundamental concepts of atoms and molecules, chemical bonding, formula and equation writing, naming compounds, quantitative relationships involving formulas, classification of the elements and selected compounds, shapes of molecules, stoichiometry and gas laws. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly CHE 1010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

After completing the requirements of CHEM 1110, students will be able to...

- conduct an experiment, collect and analyze data, and interpret results in a laboratory setting.
- analyze, test, and evaluate a scientific hypothesis.
- use basic scientific language and processes and be able to distinguish between scientific and non-scientific explanations.
- identify unifying principles and repeatable patterns in nature and apply them to problems or issues of a scientific nature.
- analyze and discuss the impact of scientific discovery on human thought and behavior.

**Student Learning Outcomes**

- Differentiate between the states of matter and their properties
- Apply significant figure rules to numbers and calculations
- Understand the concept of the atom and its structure
- Differentiate between covalent compounds and ionic compounds
- Recognize precipitation reactions, acid-base reactions, and oxidation-reduction reactions
- Use heat capacity and specific heat to determine enthalpy changes
- Be able to write balanced chemical equations and perform stoichiometric calculations
- Demonstrate a qualitative and quantitative understanding of ideal gases



*CHEM 1120 - General Chemistry II*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is a study of solutions, acid-base concepts, chemical kinetics and equilibrium, ionic equilibria of weak electrolytes, thermodynamics, oxidation-reduction reactions, and nuclear chemistry. Prerequisite: Completion of CHEM 1110 with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly CHE 1020)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

After completing the requirements of CHEM 1120, students will be able to...

- conduct an experiment, collect and analyze data, and interpret results in a laboratory setting.
- analyze, test, and evaluate a scientific hypothesis.
- use basic scientific language and processes and be able to distinguish between scientific and non-scientific explanations.
- identify unifying principles and repeatable patterns in nature and apply them to problems or issues of a scientific nature.
- analyze and discuss the impact of scientific discovery on human thought and behavior.

**Student Learning Outcomes**

- Demonstrate an understanding of the qualitative and quantitative aspects of solvent and solution behavior
- Solve conceptual and mathematical problems involving differing units of concentration
- Demonstrate an understanding of the theoretical and quantitative principles of kinetics and equilibrium
- Solve conceptual and mathematical problems involving the principles and application of aqueous equilibrium
- Demonstrate an understanding of the theoretical and quantitative aspects of free energy changes

*CHEM 2010 - Organic Chemistry I*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is a study of the preparations and properties of aliphatic and aromatic compounds, their nomenclature, and their reactions. Prerequisite: Documented eligibility for collegiate level English and completion of CHEM 1120 with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly CHE 2310)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the consequences of the three-dimensionality of molecules.
- interpret patterns of reactivity on the basis of mechanistic reasoning.
- demonstrate an in-depth understanding of chemical structure and properties in understanding chemical reactivity of compounds such as acids/bases, alkenes, alkynes, and alkyl halides.
- apply IUPAC nomenclature system to a range of organic compounds to convert between structures and names.
- design a reasonable synthetic scheme for organic molecules of moderate complexity
- demonstrate and develop proficiency in organic laboratory techniques.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- use molecular models as an aid in understanding the relationships between three-dimensional objects.
- practice writing reasonable arrow pushing mechanisms.
- predict reaction outcomes utilizing molecular structure.
- practice laboratory techniques such as chromatography, recrystallization, distillation, and extraction.

*CHEM 2020 - Organic Chemistry II*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is a study of the preparations, properties, nomenclature, and reactions of the following classes of compounds: alkyl halides, alcohols, ethers, carboxylic acids, aldehydes,

ketones, and amines. Prerequisite: Documented eligibility for collegiate level English; Completion of CHEM 2010 with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly CHE 2320)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*CHEM 2990 - Independent Study in Chemistry*

1-5 sem hrs cr

The Independent Study in Chemistry is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Communications**

*COMM 1010 - Introduction to Mass Communications*

3 sem hrs cr

This course examines the development of various media and their impact on society. Topics include standard print media, radio, television, film, public relations, advertising, new electronic media and the World Wide Web. The course also emphasizes historical, political, social, psychological, cultural, and consumer aspects of mass media.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly COM 1110)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

- Obtain basic introductory material to the vast field of mass media
- Study historical and philosophical background of the mass media
- Analyze the major problems of each mass media format
- Examine the influence of the World Wide Web on each media format

- Discover how to stay current with the world through various media
- Observe and study the effects of mass media upon society

### **Course Objectives**

The student will...

- review and discuss current events in local, national, and international media.
- define mass media and the scope of various formats.
- outline and discuss the historical and philosophical complications within context of mass media formats.
- research the impact of media in their life.
- explore the need for a free and independent press through class lecture and discussion.
- develop a stronger basis for choosing a career in mass communication by means of taking notes on different career fields within mass media.
- familiarize themselves with new media technology through independent and group study.

### *COMM 1020 - Media Writing*

3 sem hrs cr

This course is an introduction to print and broadcast journalism with an emphasis on newsgathering methods and the writing of news for print and electronic media.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly COM 1120)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Goals & Objectives**

This course will emphasize freedom of expression, history and roles of media, diversity of media audiences, and ethics in media practice. It also will teach students to present information and images well, think creatively and analytically, research by rigorous methods, write clearly and accurately, evaluate content quality, and process information using technology. (Students will need to have an active Twitter account.)

The student will...

- learn the principles of good writing by critiquing a newspaper story.
- review English grammar, spelling, and punctuation.
- learn to write simple, complex, compound, and compound-complex sentences with strong, descriptive action verbs.
- learn how to apply rules from the "Associated Press Stylebook."
- learn the skill of interviewing by writing a story about a friend or classmate.

- learn how to edit and use editing marks.
- learn how to write leads (opening paragraphs) for stories by analyzing actual leads from various media sources.
- write leads (answering who, what, when, and where) by completing a variety of writing exercises.
- learn how to write full stories by completing a variety of exercises.
- adapt stories they have already written for various online platforms.
- write a timed broadcast story for radio and television.
- write a press release.
- will write a real story for an online educational e-newspaper or blogging platform.
- develop a code of ethics for working in the mass media industry.
- develop a stronger basis for choosing a career in writing for the mass media by means of taking notes on different forms of media writing.
- familiarize themselves with new media technology through independent and group study.

### **Course Activities**

We will immerse ourselves in a variety of activities, including, but not limited to...

- grammar and usage.
- core news values.
- AP style.
- people and places in news of the region, nation and world.
- journalistic writing assignments.
- inverted pyramid structure.
- hard news leads (opening paragraphs answering who, what, when, where, why and how).
- writing news stories, press releases, and tweets.
- difference between news, features, opinions, analysis, and commentary.
- writing for the Web (e.g. Twitter).
- exercises, discussion and quizzes.

### **Student Learning Outcomes**

- Obtain basic introductory writing, interviewing, and editing skills for work in mass media
- Understand the relative newsworthiness of events and facts
- Analyze a variety of types of media journalistic styles
- Examine the ethics of journalism in today's culture
- Discover how to write and edit for various media platforms
- Demonstrate a proficiency in spelling, grammar, punctuation, attribution, and summarization of facts

*COMM 1030 - Introduction to Electronic Media*

3 sem hrs cr

This course is an introduction to the history, special aspects, organization, structure, and function of electronic media. It is a basic introduction to broadcast operations.

*Formerly/Same As (Formerly COM 1130)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus  
Course Objectives**

Throughout the course, students will have the opportunity to study/experience freedom of expression, history and roles of electronic media, diversity of media audiences, technology, and ethics in media practice. It also will teach students to present information and images well, think creatively and analytically, research by rigorous methods, write clearly and accurately, evaluate content quality, and process information using technology. (Students will need to watch the local news and be active on Facebook, Twitter and other online platforms.)

The student will...

- learn the principles of broadcast writing, news values, and organization by developing a recorded newscast.
- learn how to write broadcast stories by completing a variety of exercises.
- write a timed broadcast story for radio and television.
- evaluate "real" local newscasts on Channels 2, 4, 5, and 17 to gain a better understanding of how these programs are developed for broadcast.
- familiarize themselves with broadcast media technology through independent and group study.
- experience a "real" broadcast by observing a live radio show by a local radio station crew.
- read, study, and participate in class discussions and explorations of radio, television, and the internet.
- research electronic media and write analyses.
- demonstrate an understanding of textbook material through readings, discussion, out-of-class assignments, classroom activities, and major examinations or special projects.
- take current events quizzes to evaluate his/her understanding of the history, technology, business, and rules/regulations of the broadcast media.
- complete various activities (i.e. evaluation of Internet content and hands-on application) in conjunction with each topic of study.

**Course Activities**

We will immerse ourselves in a variety of activities, including, but not limited to...

- broadcast news writing.
- core news values.
- AP and broadcast styles.
- people and places in news of the region, nation, and world.
- evaluating local newscasts.
- exercises, discussions, quizzes, and group breakouts.
- textbook readings.

- videos.
- special projects, including writing a broadcast news story and developing a recorded newscast.

## **Student Learning Outcomes**

By the end of the course, students will be able to...

- obtain basic introductory writing, interviewing, and editing skills for broadcast media.
- understand the relative newsworthiness of events and facts.
- learn how broadcast news stories and programs are put together.
- examine the ethics of broadcast journalism in today's culture.
- gain an understanding of electronic media through readings, video viewings, lectures, and discussions.
- discover how to write and edit for various broadcast media platforms.
- prepare for real jobs through hands-on, experiential (HIPS) learning.
- prepare for continued study at a four-year college or university.

### *COMM 2025 - Fundamentals of Communication*

3 sem hrs cr

This course is a study of communication skills, including practice in organizing, preparing, and delivering various types of informative and persuasive speeches, and in engaging in constructive criticism of oral communication. Prerequisite: Exemption of or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly COM 1010, SPCH 1010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Student Learning Outcomes**

- Develop the ability to stand before an audience and express ideas clearly, effectively, and with a mastery over fear
- Organize, outline, and present oral presentations
- Identify various persuasion techniques in oral communication
- Gain self-esteem as a communicator
- Understand the listening process and critique speeches
- Demonstrate an understanding of the various purposes of public speaking

## **Course Objectives**

The student will...

- prepare and present a self-introductory speech.
- outline, prepare, and present at least 4 extemporaneous speeches, including two which are informative and one which is persuasive.
- outline, prepare, and present at least one special occasion speech.
- outline and present an impromptu speech.
- participate in a study of listening and do work in specific listening activities.
- participate in a study of critiquing speeches which are given during the course.
- demonstrate by written examination a mastery of the text content.

*COMM 2500 - Survey of New Media*

3 sem hrs cr

This course provides a survey in the latest media that is revolutionizing how information is transmitted, interpreted and used. Technology, innovations, advancements, business, legal and social aspects will be explored.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

The student will...

- have the ability to develop online social media platforms (Facebook, Twitter, YouTube, etc.) for businesses and organizations.
- be able to promote his/her/their own business using various online social media platforms.
- be able to write blog articles for a real blogging site.
- be able to write, produce, and post a real podcast.
- be able to write, produce, and shoot a real YouTube video.
- be able to write a real article for Wikipedia.

*COMM 2990 - Independent Study in Communications*

1-5 sem hrs cr

The Independent Study in Communications is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**



## **Computer Information Technology**

*CITC 1300 - Beginning HTML & CSS*

3 sem hrs cr

This course is a beginning course in HTML that provides instruction in creating Web pages. Students learn to write HTML code. Topics include using HTML tags, CSS formatting and appropriate scripting languages.

*Formerly/Same As* (formerly CISP 1295)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- design webpages using notepad and web-authoring tools.
- learn how to apply Cascading Style Sheets.
- implement web safe fonts and colors on a web page.
- add multimedia such as graphics, video, and sound to webpages.
- enhance graphics using existing photographs and drawings.
- validate webpages so that they conform to W3C code.

*CITC 1301 - Intro to Programming and Logic*

3 sem hrs cr

This course is an introduction to the logic necessary for application programming. Topics include logic analysis, techniques of structured design, process flow, and object oriented concepts. A programming language will be used to teach data types, variables, control structures, methods and arrays. Prerequisite: Exemption from or completion of all learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- work within the framework of the Program Development Cycle and analyze and design computer software solutions to typical business problems using standard structure techniques.
- document and illustrate solutions using appropriate planning tools.

- read a process flow model or pseudocode solution, give an accurate description of the problem being solved, and correctly outline the variables being used and the steps being followed.
- use variables, control structures, methods, and arrays to build programs.

*CITC 1302 - Introduction to Networking*

3 sem hrs cr

This course is a broad-based course that provides an overview of computer networking. Topics will include network models, protocols and services, media and topologies, devices and tools, network management, and network security. This course may align with the outcomes of industry certification.

*Formerly/Same As* (formerly IST1750)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 1303 - Database Concepts*

3 sem hrs cr

This course is an introduction to the concepts and syntax of relational database management systems. Topics include data modeling, database design concepts, tables and queries and other database objects using the tools provided in a relational DBMS. Prerequisite: Documented eligibility for collegiate mathematics and INFS 1010 .

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (formerly INFS 1260)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- Perform research and analyze requirements for a database application using database design tools and principles
- Translate client/user requirements into a data model
- Develop physical database characteristics and define user interface to implement data model

*CITC 1314 - Java Programming I*

3 sem hrs cr

This course will cover the fundamental concepts of object-oriented programming using Java, including objects, classes, constructors, methods, and instance variables. Students will understand and implement topics such as user-designed classes, arrays and array processing, graphical user interfaces, and applets.

*Formerly/Same As* (formerly CISP 2660)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 1317 - Introduction to Scripting Languages*

3 sem hrs cr

An introduction to script programming as a tool for system administration, automation, and customization and as a platform for Web-based applications. Compares shell command languages and scripting languages used on Unix and Linux systems. Prerequisite: CITC 1301 or similar Intro to Programming class

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

- Write shell scripts in variations of the Bourne shell and/or C shell
- Customize a Unix/Linux environment for a specific application
- Produce formatted output using OS tools and scripts
- Apply the 'tool box' concept to specific problems
- Integrate OS tools and high-level programming code

*CITC 1321 - A+ Hardware*

3 sem hrs cr

An introduction to basics of computer hardware. Topics include identification and installation of internal components, disk configuration, ports, cables, peripherals, and networking concepts and connections.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- identify, install, configure, and troubleshoot hardware components to support computing needs.
- identify, install, configure, and troubleshoot basic networking hardware to support computing needs.
- identify and demonstrate appropriate operational procedures, communication, and professional skills.

*CITC 1322 - A+ Software*

3 sem hrs cr

This course is an introduction to basics of computer software.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- identify, install, configure, and troubleshoot hardware components to support computing needs.
- identify, install, configure, and troubleshoot basic networking hardware to support computing needs.
- identify and demonstrate appropriate operational procedures, communication, and professional skills.

*CITC 1332 - UNIX/Linux Operating System*

3 sem hrs cr

This course provides a thorough overview of the UNIX and LINUX operating systems. Emphasis is placed on the user interface, terminology and command structure within the multi-task/multiuser environment. Electronic mail and communications standards are covered along with standard UNIX/LINUX utilities needed to support the automated office.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 1334 - Project Management and Design*

3 sem hrs cr

This course focuses on a general approach to project management. The content deals with planning, scheduling, organizing and controlling projects. Primary class emphasis is on the project management process and tools. This introductory course includes the major topics of organization strategy and project selection, project definition, project time estimation, project plan development, resource scheduling and leadership.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 1351 - Principles of Information Assurance*  
3 sem hrs cr

A beginning course in information assurance which examines the fundamentals of information assurance. The course will introduce topics such as the need for security, risk management, security technology, cryptography, and physical security. Also covered are legal/ethical issues and security policies.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**  
**Student Learning Outcomes**

By the end of the course, students will be able to...

- identify the threats and common attacks posed to information security and differentiate between threats and attacks to the information within systems.
- define the application of information assurance to the business environment.
- understand and explain security policies.
- maintain information assurance programs.

*CITC 2199 - CO-OP/Internship I in Computer Information Technology*  
1 sem cr hr

This course can be either a field experience such as an internship, or a project-based course.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2299 - CO-OP/Internship II in Computer Information Technology*  
2 sem cr hrs

This course can be either a field experience such as an internship, or a project-based course.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2326 - Network Security*  
3 sem hrs cr

This course is designed to give students a fundamental understanding of computer and network security. It will introduce students to a wide variety of concepts related to computer security. This course will cover the objectives for the CompTIA Security+ Certification. Prerequisite: CITC 1302 Introduction to Networking and CITC 1351 Principles of Information Assurance

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2352 - Digital Forensics*

3 sem hrs cr

This course is designed to give students a basic understanding of computer forensics and investigations. This course will introduce students to computing investigations by preparing them to acquire, examine and summarize digital evidence.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2356 - Penetration Testing and Network Defense*

3 sem hrs

This course focuses on how hackers attack computers and networks, and how to protect Windows and Linux systems. Legal restrictions and ethical guidelines will be taught and enforced. Students will perform many hands-on labs, both attacking and defending, using port scans, footprinting, buffer overflow exploits, SQL injection, privilege escalation, Trojans, and backdoors. Students learn the legal, ethical, and technical aspects of using computer systems in unexpected ways. These skills are essential for penetration testers and other network security professionals. Prerequisite: CITC 1301 - Intro to Programming and Logic and CITC 1302 - Introduction to Networking

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2363 - Internet/Intranet Firewalls and eCommerce Systems*

3 sem hrs cr

Gives an in-depth exploration of firewall, Web security, and e-Commerce security. Explores firewall concepts, types, topology and the firewall's relationship to the TCP/IP protocol. Includes client/server architecture, the Web server, HTML and HTTP in relation to Web Security, and digital certification, D.509, and public key infrastructure (PKI). Prerequisite: CITC 1302 Introduction to Networking and CITC 1321 A+ Hardware

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2390 - Capstone Course in Computer Information*  
3 sem hrs cr

This culminating course will utilize the competencies developed in the professional courses to demonstrate decision-making and problem-solving techniques in the field. Prerequisite: Minimum GPA of 2.0 and permission of the Department Lead

For any student completing an IT internship, the minimum required on-site IT work hours per semester credit hour awarded is 40. Therefore, the hour requirement for this course is as follows: CITC 2390 (3 SCH = 120 hours)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2399 - CO-OP/Internship III in Computer Information Technology*  
3 sem hrs cr

This course can be either a field experience such as an internship, or a project-based course.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*CITC 2499 - CO-OP/Internship IV in Computer Information Technology*  
4 sem cr hrs

This course can be either a field experience such as an internship, or a project-based course.

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Computer Science**

*CISP 1010 - Computer Science I*  
4 sem hrs cr

This course is the study of the history of computing, computer organization, computer applications, algorithm design, stepwise refinement of algorithms, structured programming using C++, array representation of data, processing of character data, text file processing, subprograms, and parameter passing. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**  
**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- recognize the historical development of computers and the impact which that has played in today's technological environment.
- identify the components of the hardware of a computer and understand the relationship between hardware and software.
- comprehend how software is represented internally in the computer hardware: binary, octal, hexadecimal, and ascii.
- achieve an understanding of developing the steps for problem solving using the computer: (1) Define the problem. (2) Design the solution. (3) Code the problem. (4) Test and debug. (5) Maintain the program.
- recognize the concept of an "algorithm" and to develop a step-by-step approach to programming using flowcharts and pseudo-code.
- write source code and compile and execute programs using an integrated development environment (IDE).
- complete basic arithmetic operations and functions of a programming language to use in expressions.
- define and understand how to use expressions, assignment statements, selection statements, and looping statements.
- define and understand the use of functions in a programming language including the passing of arguments to functions—both value arguments and reference arguments.

### *CISP 1020 - Computer Science II*

4 sem hrs cr

This course is provides advanced topics in C++ programming that will include records, files, and dynamic memory allocation. Data structures including arrays, character strings, stacks, queues, linked lists, and binary trees. Each structure is presented in its abstract form and its C++ implementation. Prerequisite: CISP 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- describe basic object-oriented programming concepts: classes, objects, inheritance, friends, constructors, accessors, mutators, destructors, etc.
- write source code with the basic data structures used in programming. These include arrays, vectors, pointers, structs, strings, stacks, queues, linked lists, binary trees, and binary search trees.
- choose the most efficient and useful data structure to represent a given collection of data.
- be proficient in the use of pointer variables and memory addressing.



- use recursion as a means of problem solving.
- read data from files, write data to files, and perform advanced file operations.

*CISP 1032 - C++ Programming*

3 sem hrs cr

This course is an introduction to computer program design concepts and development using the C++ programming language. Emphasis is on syntax, usage, modularity of program design, and development of program libraries.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

- Know the components of the computer hardware
- Have an understanding of developing the steps for problem solving using the computer: (1) Define the problem. (2) Design the solution. (3) Code the problem. (4) Test and debug. (5) Maintain the program.
- Be able to compile and execute programs using an effective program development supplement to an operating system
- Comprehend the concepts of data types, data structures, and algorithms
- Define and generate the use functions in a programming language including the passing of arguments to functions—both value arguments and reference arguments
- Be able to open, read, write, and close files in the C++ environment
- Understand how to search arrays and sort arrays

*CISP 2410 - Assembly and Computer Organization*

4 sem hrs cr

This course examines the structure of digital computers, introduction to machine language, number representations, symbolic coding and assembler language, register sets, instruction types, addressing modes, input-output subroutines, segmentation, paging and introduction to operating systems. Prerequisite: CISP 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- have a knowledge of computer history with special emphasis on microprocessor history and the changes that the microprocessor has made to world and national history.

- develop logical thinking and critical analysis in the design and implementation of combinational and sequential logic circuits.
- understand and use numbers using Boolean algebra and digital arithmetic.
- have an understanding of the scientific method in implementing digital logic experiments.
- be familiar with the beginning of a concentrated study of the organization of computer systems.
- use abstract and logical thinking skills by solving computer problems using assembly language programs.

### *CISP 2990 - Independent Study in Computer Science*

1-5 sem hrs cr

The Independent Study in Computer Science is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### Cooperative Education

#### *COP 2010 - Cooperative Practicum I*

2 sem hrs cr

This course involves study-related, off-campus work experience with employers in real employment situations. Course requirements include a minimum of twenty hours per week of work on the job as well as completion of a written report detailing the educational/employment experience. The course is graded on a pass/fail basis. Prerequisite: 12 or more semester hours earned, a 2.5 or higher cumulative GPA, and permission of the Education Department Lead or the appropriate center/site director

Enrollment requires instructor approval.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- accurately describe and reflect on work experience completed during the semester.
- analyze how the experience will impact their future career choices.

#### **Learning Opportunities**

- Give a brief explanation of the job duties and how they relate to the program of study
- Details of things that you like and dislike about this job
- What was learned during this experience
- Be able to give advice to someone considering pursuing a career in this field
- Explain the types of personal qualities (patience, intellectual ability, common sense, good nature, etc.) needed to be successful in this career
- Research future career goals to determine what changes/advances have occurred recently or could be made in the future

*COP 2020 - Cooperative Practicum II*

2 sem hrs cr

This course is a continuation of COP 2010 with the same requirements and responsibilities for completion. The course is graded on a pass/fail basis. Prerequisite: COP 2010, a 2.5 or higher cumulative GPA, and permission of the Education Department Lead or the appropriate center/site director

Enrollment requires instructor approval.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Criminal Justice Administration**

*CRMJ 1010 - Introduction to Criminal Justice*

3 sem hrs cr

This course is an interdisciplinary examination of the American criminal justice system with particular emphasis on the major agencies involved in its operation – police, courts, and corrections by examining its historical development, current trends, and public policy issues relative to crime defendants, and victims.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly CJA 2010)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

Throughout the course, students will have the opportunity to...

- explain what is meant by the term "criminal justice system."
- contrast the crime control and due process models of justice.

- identify the various steps involved in processing cases through the criminal justice system, noting the various stages where diversion may occur.
- identify the major sources of crime data statistics and how crime is measured.
- discuss the nature and purpose of law.
- identify and explain general categories of crime: felonies, misdemeanors, offenses.
- explain the following legal standards: probable cause, reasonable suspicion, exclusionary rule.
- explain the origin and purpose of the Miranda warning.
- outline and explain pretrial proceedings.
- identify and explain the sequence of events in a criminal trial.
- identify and explain the factors involved in the sentencing process.
- identify and explain the factors involved in the appellate process.
- identify and explain the roles of the following in the criminal justice system: victims, police defendants, prosecutors, defense attorneys/public defenders, probation officers, judges.
- identify and explain the seven major elements of a crime: legality, conduct, harm, causation, mens rea, concurrence, and punishment.
- explain the defenses to crime categorized as excuses and justifications.
- explain the concepts of accessoryship and conspiracy.
- identify and explain the following categories of crime: homicide, assault, sexual assault, robbery, burglary, fraud, arson, white-collar crime, high-tech crime, corporate crime, organized crime, and crimes against public morality.
- describe biological theories of criminal behavior.
- describe psychological theories of criminal behavior.
- describe sociological theories of criminal behavior.
- explain the concept of situational crime prevention.
- describe the concept of globalization.
- identify and describe the term "transnational crime," and cite specific examples.
- identify and describe the term "international crime," and cite specific examples.

*CRMJ 1020 - Introduction to the Legal Process*

3 sem hrs cr

This course addresses the structure and function of the judicial system and the major problems and needs of the judicial segment of the criminal justice system. Major emphasis is placed on the basic concepts of criminal law and administration. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly CJA 2110)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus  
Course Objectives**

Throughout the course, students will have the opportunity to...

- identify the basic decision-making concepts present in a common law system.
- define private law and identify the following categories with it: contract law, tort law, family law, commercial law, business enterprises law.
- define public law and identify the following categories within it: constitutional law, administrative law.
- distinguish between civil law and criminal law.
- identify and describe the Bill of Rights.
- explain the process of selective incorporation.
- discuss the concept of the right to privacy contained in the 4th Amendment.
- describe the warrant requirement and the eight exceptions thereto.
- discuss the 5th Amendment right against self-incrimination.
- discuss the exclusionary rule.
- describe the historical origins of the American court system.
- discuss the concept of federal jurisdiction.
- identify the current structure of the federal court system.
- describe the process in which federal judges are chosen.
- discuss the structure of the various states' court systems.
- describe the processes in which state court judges are chosen.
- describe procedural aspects of the federal court system.
- identify and describe the writs and certiorari and habeas corpus.
- describe the hierarchy and duties of federal court prosecutors.
- identify and describe the various types of prosecutorial discretion.
- discuss the role of the defense attorney.
- discuss the process of judicial decision making from both a legal and political perspective.
- discuss the concept of judicial policymaking.

*CRMJ 2010 - Introduction to Law Enforcement*

3 sem hrs cr

This course examines the police function an analysis of crime prevention and control and major problems and needs of the law enforcement segment of the criminal justice system. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an

instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly CJA 2210)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*CRMJ 2020 - Introduction to Corrections*

3 sem hrs cr

This course presents the history of the development of corrections in Europe and America and a survey of current prison conditions and operations, including pre-release, probation, and parole. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly CJA 2220)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*CRMJ 2120 - The Juvenile Justice System*

3 sem hrs cr

This course addresses the problem of juvenile delinquency and youth crime with emphasis on the history of the juvenile justice system, the court and police role within the system, rehabilitation and correction of the delinquent, and juvenile probation services. Alternatives to traditional procedures such as community-based programs vs. correctional institutions, and non-judicial and judicial adjustment are examined. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly CJA 2120)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*CRMJ 2400 - Introduction to Criminology*

3 sem hrs cr

This course is a study of crime and criminal behavior. Topics examined include the nature of

crime, its measurement and forms, the social dimensions and correlates of crime, major theories of criminal and delinquent behavior, and possible solutions to the crime problem.

*Formerly/Same As* (Same as SOCI 2400)

(Formerly CJA 2400)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*CRMJ 2550 - Understanding Terrorism*

3 sem hrs cr

This course is a survey course covering the historical background of terrorism as a criminal activity, terrorist typologies, the motivations behind terrorist activity, and the responses of the criminal justice system to terrorism. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Same as SOCI 2550)

(Formerly CJA 2550)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*CRMJ 2990 - Independent Study in Criminal Justice Administration*

1-5 sem hrs cr

The Independent Study in Criminal Justice Administration is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly CJA 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Digital Agronomy**

*DAGR 1020 - Pest and Weed Identification*

3 sem hrs cr

This course will familiarize students with common weed, disease, and insect problems that

occur during the production and maintenance of agriculture. Principles and concepts of pest management will be presented and discussed. The importance of integrated pest management as an environmentally sound practice will be emphasized based on economic, ecological and sociological consequences. The classification, life cycles, characteristics, and management of weeds with an emphasis on chemical as well as cultural, mechanical, and biological control methods used for management will be presented.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus Course Objectives**

Upon successful completion of the course, the student will...

- identify major types of agricultural pests.
- define the factors that promote disease and pest outbreak.
- describe the basic methods of biological, cultural, mechanical/physical, and chemical pest control.
- develop a basic integrated pest-management strategy for specific crops and landscapes.

#### **Student Learning Outcomes**

- Identify the main insect orders
- Identify 12 common weeds
- Identify the principles of integrated pest management
- Identify the common landscape vertebrate pests
- Identify the principal plant disease causal agents
- Discuss the place of weeds in agriculture
- Describe the different weed life cycles and factors affecting weed reproduction, seed dispersal and soil seed bank
- Describe the cultural, mechanical, and biological methods of weed control
- Read an herbicide label and calibrate a sprayer to apply the correct amount of chemical
- Scout and identify what pests exist in a field
- Describe the economic impact of integrated pest management
- Apply current pest management principles to crop production and situations where pest management is critical, depending on climate, etc.
- Identify and analyze alternatives to pest management
- Recognize different pests, measure thresholds, controls, and alternatives to pest control

*DAGR 1030 - Regenerative Agriculture*

3 sem hrs cr

The course emphasizes regenerative agriculture as a systems-based approach to agriculture that leverages natural ecology to build soil, improve water efficiency, and increase biodiversity while emphasizing healthy food, feed, and fiber as the foundation of a strong community. Core concepts include sustainable agriculture principles; basic farm and garden production techniques; farm planning and managing; and various examples of sustainable agriculture (i.e. organic, holistic, permaculture, biodynamic, and agroforestry).



**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

Upon successful completion of the course, the student will...

- improve the land that is used for farming.
- restore and enhance the natural ecosystem processes
- appreciate soil fertility
- understand biodiversity, water retention and cleanliness, and soil carbon sequestration.

**Student Learning Outcomes**

- Articulate the 5 principles of regenerative agriculture
- Interpret and apply the principles of regenerative agriculture on a farm
- Identify cover crop species and estimate dry matter in pasture for forage
- Differentiate types of sustainable agriculture systems (e.g., conservation agriculture, organic, biodynamic, permaculture, climate smart agriculture, etc.), their origins, and advantages and disadvantages
- Define terminology and concepts related to sustainable farming practices
- Describe the ecological, economical, and social implications of agricultural practices
- Identify resources for solving problems facing farmers, ranchers, gardeners, and consumers in order to reduce waste and energy consumption in agriculture

*DAGR 1040 - Introduction to Precision Agriculture*

3 sem hrs cr

This course teaches students the fundamental components of precision agriculture, namely the benefits and challenges related to adopting. This course provides an overview of the principles of precision agriculture with focus on the ability to effectively execute plans using today's technologies.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

Upon successful completion of the course, students will...

- better understand the basic theory and application topics in precision agriculture.
- learn different topics in precision agriculture, which include crop and livestock production, GIS and GPS basics and applications, UAV system, remote sensing, imagery analysis, etc.

**Student Learning Outcomes**

Students will understand...

- the fundamental concepts of precision agriculture topics which include GIS, GPS, yield monitoring and mapping, remote sensing, data collection and analysis, weather station, sensors, robotics, UAV, and robotics in precision agriculture.
- various precision agriculture applications in future farming operations.
- most advanced technologies in precision agriculture.

*DAGR 1050 - Crop Quality and Storage*

3 sem hrs cr

This course covers the biological principles involved in harvesting, grading, packaging, transportation, and marketing crops, and their effects on quality maintenance. Commercial practices are described and explained in relation to general procedure and technology as well as the recommended best practices and optimum conditions for different types of crops. Crop quality throughout each stage of the life cycle, specific storage equipment, and an exploration of the four major crops from crop production (corn, soybean, rice, cotton) is covered.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Appreciate the factors related to quality deterioration and waste after harvest
- Understand commercial procedures for harvesting, preparing, packaging, transporting, and storing crops
- Possess the knowledge required to evaluate existing handling systems and be able to recommend improved practices that will better maintain product quality during the storage period
- Apply the use of technology to crop quality and storage

**Student Learning Outcomes**

- Grain storage fundamentals (e.g., air-moisture relationships, grain quality, drying, and energy use)
- The interaction of grain storage and handling components and management of energy use and grain quality
- Basic calculations associated with handling, storing, and processing grain
- Grain handling/storage system planning
- Grain-drying systems
- Grain and seed processing
- Safety principles as part of managing a grain storage and handling system

*DAGR 1060 - Irrigation and Water Management*

3 sem hrs cr

This course covers the fundamental principles and practices of irrigation, including irrigation system characteristics, management, maintenance, and water law.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Promote the proper growth of plants and maintain the right levels of moisture for the soil
- Apply basic soil, plant, water, and atmospheric engineering principles for the purpose of determining the crop water need (use), both in time and amount
- Understand sustainable agricultural production that protects the environment
- Study a range of methods and instrumentation available to determine crop water use or evapotranspiration (water requirements), irrigation scheduling, and effective water use

**Student Learning Outcomes**

- Identify factors that influence irrigation and water-management decisions
- Identify different irrigation types
- Describe strategies for irrigating when water is limited
- Identify the key elements in a water management plan (e.g., parts of the crop life cycle where rainfall is critical, soil types that are more dependent on water)
- Discuss the importance of effective water management in agriculture
- Correctly use monitoring tools and systems to achieve irrigation goals/targets and design a water management plan
- Develop an irrigation-management strategy
- Perform basic troubleshooting on different irrigation types (pivot, inferno, drip)
- Correctly use monitoring systems and sensors to assess problems (e.g., soil probes)

**Early Childhood Education**

*ECED 1310 - Introduction to Early Childhood Education*

3 sem hrs cr

Introduction to Early Childhood Education is an introduction to the early childhood profession, including an emphasis on professionalism and developmentally appropriate practice. The course also includes an overview of history of early education; theoretical program models; different types of early childhood programs, community resources; professional organizations, and contemporary trends and issues in programs for children ages birth through eight. Field experience is required.

(Formerly ECED 1010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- demonstrate an understanding of the early childhood profession and its historical, philosophical, and social foundations, and understand how these foundations influence current thought and practice.
- possess knowledge of the diversity of settings, teacher qualifications, types of employment, locations, etc., in the early childhood field.
- understand the importance of reflective thinking in becoming an effective early childhood teacher.
- use knowledge obtained from professional early childhood education journals.
- recognize basic components of a quality early childcare program and facility.
- identify the goals and basic components of several prominent theoretical curriculum models (i.e. Montessori, High Scope, Reggio Emilia, and Project Approach).
- know about and use the NAEYC Code of Ethical Conduct to resolve basic ethical dilemmas in early education.
- define developmentally appropriate practice in relation to age, individual, and social and cultural contexts.

### **Course Objectives**

Throughout the course, students will practice...

- understanding the early childhood profession, its historical, philosophical, and social foundations, and how these foundations influence current thought and practice.
- using research-based techniques that promote diversity with young children.
- learning how to effectively reflect on their teaching and learning.
- using professional early childhood education journals.
- recognizing the basic components of a quality early childcare program and facility.
- identifying the goals and basic components of several prominent, theoretical curriculum models (i.e. Montessori, High Scope, Reggio Emilia, and Project Approach).
- using the NAEYC Code of Ethical Conduct to resolve basic ethical dilemmas in early education.

#### *ECED 2003 - Special Topics in Early Childhood Education*

1-3 sem hrs cr

The study of programs, trends, and issues in the field of Early Childhood Education. Learning outcomes for this course will be developed on an individual basis, depending on the number of credit hours being earned and the topic being explored by the student.

#### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### *ECED 2185 - Special Topics in Early Childhood Education*

1-3 sem hrs cr

The study of programs, trends, and issues in the field of Early Childhood Education. Learning outcomes for this course will be developed on an individual basis, depending on the number of

credit hours being earned and the topic being explored by the student.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*ECED 2285 - Special Topics in Early Childhood Education*

1-3 sem hrs cr

The study of programs, trends, and issues in the field of Early Childhood Education. Learning outcomes for this course will be developed on an individual basis, depending on the number of credit hours being earned and the topic being explored by the student. (Formerly ECED 2002)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*ECED 2300 - The Mentoring Teacher*

3 sem hrs cr

The Mentoring Teacher is a study of the philosophy, principles, and methods of mentoring adults who have varying levels of training. Emphasis will be on the role of mentors as facilitators of adult learning, while also addressing the needs of parents, other staff, and of children from birth through age eight. (Formerly ECED 2100)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*ECED 2310 - Safe, Healthy Learning Environments*

3 sem hrs cr

Safe, Healthy Learning Environments is a study of the basic principles and practices of safety, health, and nutrition as they relate to the early childhood setting, home, and community for children ages birth through eight. Also included is a study of principles of creating appropriate learning environments for young children. Field experience is required. (Formerly ECED 2010)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- demonstrate an understanding of the practices for providing a safe indoor and outdoor environment for children to prevent and reduce injuries.
- articulate the principles for good health and nutrition practices in the early childhood setting.
- describe how to establish an environment that contributes to the prevention of illness.
- identify and understand basic emergency procedures.

- understand and recognize the teacher's role in current issues such as child abuse, inclusion, acute and chronic illnesses, childhood stress, and drug-abusing families.
- identify appropriate linkages in the community related to health, safety and nutrition.
- articulate information about good nutrition for children.
- identify the benefits and values of using learning centers for young children and plan a learning center for children.

### **Topics of Study**

- Indoor and outdoor safety
- Child abuse prevention, detection, and reporting
- Meals and snacks
- Nutrition and menu planning
- Cooking with children
- Health issues and infection control
- Learning centers
- Anti bias materials
- Ethical responsibilities to children

### **Course Objectives**

Throughout the course, students will practice...

- using developmental knowledge to construct an interesting and enjoyable environment that encourages play and exploration, including children with special needs.
- designing a learning center for children in a preschool setting and a cooking activity.
- designing an appropriate menu and food experience for children.
- using course knowledge to identify safety factors in a young child's environment.
- using course knowledge to work with children and families in abusive situations and situations involving chronic and acute illnesses.
- finding resources related to course content to use in their work with families.

### **NAEYC Standards Related to the Course**

- Promoting child development and learning
  - 1c. Use developmental knowledge to create healthy, respectful, supportive, and challenging learning environments.
- Teaching and learning
  - 4b. Use developmentally effective approaches: know, understand, and use effective approaches, strategies, and tools for early education.
- Becoming a professional
  - 5b. Know about and uphold ethical standards and other professional guidelines.
  - 5e. Engage in informed advocacy for children and the profession.

*ECED 2312 - Administration of Early Childhood Programs*

3 sem hrs cr

Administration of Early Childhood Programs is a study of organizational and administrative practices applicable to programs serving children ages birth through eight. Topics of particular

consideration include leadership, enrollment, public relations, staff-management, financial management, facilities, regulations, family relations, and program development.  
(Formerly ECED 2120)

### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

Upon successful completion of the course the student will be able to...

- recognize basic concepts of financial management. (6a, 6b)
- demonstrate basic principles of curriculum and program development and understanding of Tennessee Licensing Standards. (1c, 4a, 4b, 5a, 5b, 6a, 6d)
- recognize issues and strategies for human resource management . (6c)
- identify basic guidelines for facilities management including licensing regulations, nutrition, health and safety. (6b)
- identify leadership and administrative styles and roles and their impact on an organization. (6d)
- describe and apply the basic concepts of establishing a program including working with a board, choosing a philosophy, equipping staff, and marketing a program. (6c, 6d, SS5)
- identify and practice positive communication techniques for working with staff, families, volunteers, and the community. (2b)

#### **NAEYC Associate Degree Standards**

The following standards are addressed in this course:

- Standard 1: Promoting Child Development and Learning
  - 1c. Using developmental knowledge to create healthy, respectful, supportive, and challenging learning environments for young children
- Standard 2: Building Family and Community Relationships
  - 2b. Supporting and engaging families and communities through respectful, reciprocal relationships
- Standard 4: Using Developmentally Effective Approaches
  - 4a. Understanding positive relationships and supportive interactions as the foundation of their work with young children
  - 4b. Knowing and understanding effective strategies and tools for early education, including appropriate uses of technology
- Standard 5: Using Content Knowledge to Build Meaningful Curriculum
  - 5a. Understanding content knowledge and resources in academic disciplines: language and literacy; the arts – music, creative movement, dance, drama, visual arts; mathematics; science, physical activity, physical education, health and safety; and social studies
  - 5b. Knowing and using central concepts, inquiry tools, and structures of content areas or academic disciplines
- Standard 6: Becoming a Professional
  - 6a. Identifying and involving oneself with the early childhood field

- 6b. Knowing about and upholding ethical standards and other early childhood professional guidelines
- 6c. Engaging in continuous, collaborative learning to inform practice; using technology effectively with young children, with peers, and as a professional resource
- 6d. Integrating knowledgeable, reflective, and critical perspectives on early education
- 6e. Engaging in informed advocacy for young children and the early childhood profession

### **Supportive Skills**

- Skills in identifying and using professional resources
- IDEA Course Evaluation Objectives: These objectives will be evaluated through student feedback on course evaluations.
  - Objective 4: Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course
  - Objective 9: Learning how to find and use resources for answering questions or solving problems
  - Objective 12: Acquiring an interest in learning more by asking questions and seeking answers
- Major Content Areas:
  - The Role of the Director
  - Leadership in Action
  - Regulations: Health and Safety, Food Service, Licensing
  - Participative Management
  - Recruitment and Selection of Staff
  - Supervision and Evaluation of Staff
  - Financial Management
  - Relationships with Families and Community
  - Curriculum Development

### *ECED 2315 - Early Childhood Curriculum*

3 sem hrs cr

Early Childhood Curriculum is a study of developmentally appropriate practices and the teacher's role in supporting development of children ages birth through eight. Also included is



an emphasis on curriculum planning including goals, environment, and roles of teachers and of families, materials, and settings. Field experience is required.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (ECED 2015)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- demonstrate knowledge of how children develop and learn to provide opportunities that support the physical, social, emotional, language, cognitive, and aesthetic development of all young children.
- demonstrate knowledge of and ability to implement meaningful, integrated learning experiences for young children.
- identify child outcomes in content areas of language and literacy, mathematical thinking, nature and science, and artistic expression for early education.
- demonstrate understanding of teaching strategies to achieve the identified outcomes in content areas.
- identify specific positive guidance strategies for use in the early childhood setting
- demonstrate knowledge of child observation and documentation techniques.

#### **NAEYC Initial Standards**

The following standards will be addressed in this course:

- Standard 1: Promoting Child Development and Learning Revised August 2013
  - 1a. Knowing and understanding young children's characteristics and needs, from birth through age 8
- Standard 3: Observing, documenting and assessing to support young children and families
  - 3b. Knowing about and using observation, documentation, and other appropriate assessment tools and approaches, including the use of technology in documentation, assessment and data collection
- Standard 4: Using Developmentally effective approaches
  - 4a. Understanding positive relationships and supportive interactions as the foundation of their work with young children
  - 4b: knowing and understanding effective strategies and tools for early education, including appropriate uses of technology
- Standard 5: Using content knowledge to build meaningful curriculum
  - 5b: knowing and using the central concepts, inquiry tools, and structures of content areas or academic disciplines

- 5c: using own knowledge, appropriate early learning standards, and other resources to design, implement and evaluate developmentally meaningful and challenging curriculum for each child

*ECED 2320 - Infant, Toddler, Child Development*

3 sem hrs cr

Infant, Toddler, Child Development is a study of the physical, cognitive, social, and emotional aspects of young children and their application to the care, guidance, and development of children ages birth through eight. Field experience is required.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (ECED 2020)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

Throughout the course, students will practice...

- using researched-base knowledge and approaches when caring for young children.
- using research pertaining to prenatal care and influences.
- using knowledge in class pertaining to human development theories.
- using knowledge in class pertaining to research addressing cognitive, moral, social, and emotional development of children.
- using activities and lesson that are developmentally appropriate for young children.
- creating a comprehensive evaluation and self-study for a child under the age of 8.
- learning and discussing the physical, mental, and emotional capabilities of young children.
- acquiring research pertaining to brain development.

*ECED 2330 - Infant and Toddler Care*

3 sem hrs cr

Infant and Toddler Care is a study of the care and education of infants and toddlers ages birth to three in group settings (i.e., childcare centers, family childcare homes, Early Head Start, etc.). Topics include rationales and strategies for supporting the whole child, including cognitive, language, social-emotional, and physical development in a safe, responsive environment. The course emphasizes relationship-based care and education with special attention to the unique environmental aspects of programs for the child under three. Field experience is required. (Formerly ECED 2030)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**  
**Student Learning Outcomes**

By the end of the course, students will be able to...

- know about current issues and trends in infant and toddler care.
- identify components of quality care for infants and toddlers in group settings.
- know and understand the key developmental issues of infants and toddlers.
- create, evaluate, and select developmentally appropriate materials, equipment, and environments for infants and toddlers.
- demonstrate an understanding of responsive, culturally sensitive caregiving techniques based on caring routines and child development and learning.
- develop parent communication strategies based upon an understanding of the unique needs of parents of infants and toddlers.
- use documentation to enhance parents' understanding of how young infants and toddlers learn.

*ECED 2335 - Initial Practicum*  
3 sem hrs cr

Initial Practicum is a supervised practicum which includes a minimum of 30 clock hours in instruction and 45 clock hours in a clinical site approved by the Department (accredited agency, 3-Star, or Department-approved site). These hours may be completed in the student's employment site with Department approval. The course includes a study of the physical and human qualities that combine to create an environment that is safe and healthy and that promotes optimum learning for young children ages birth through 8. (Formerly ECED 2130)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**  
**Student Learning Outcomes**

By the end of the course, students will be able to...

- create a safe, healthy, respectful, supportive, and challenging learning environment for young children.
- evaluate and reflect on the effectiveness of learning environments.
- create positive relationships and appropriate guidance through a supportive environment.
- create lessons and activities that are developmentally appropriate.

**NAEYC Standards**

- 1a: Knowing and understanding young children's characteristics and needs, from birth through age 8
- 1c: Using developmental knowledge to create healthy, respectful, supportive, and challenging learning environments for young children

- 2b: Supporting and engaging families and communities through respectful, reciprocal relationships
- 2c: Involving families and communities in young children's development and learning
- 3b: Knowing about and using observation, documentation, and other appropriate assessment tools and approaches, including the use of technology in documentation, assessment and data collection
- 3c: Understanding and practicing responsible assessment to promote positive outcomes for each child, including the use of assistive technology for children with disabilities
- 4b: Knowing and understanding effective strategies and tools for early education, including appropriate uses of technology
- 4c: Using a broad repertoire of developmentally appropriate teaching/learning approaches
- 4d: Reflecting on own practice to promote positive outcomes for each child
- 5c: Using own knowledge, appropriate early learning standards, and other resources to design, implement, and evaluate developmentally meaningful and challenging curriculum for each child
- 6b: Knowing about and upholding ethical standards and other early childhood professional guidelines
- 7a. Opportunities to observe and practice in at least two of the three early childhood age groups (birth–ages 3, 3-5, 5-8)

*ECED 2340 - Family Dynamics and Community Involvement*

3 sem hrs cr

Family Dynamics & Community Involvement is a study of the role of the family and community in the physical, cognitive, social, and emotional growth of the child ages birth through eight. Topics include the benefits of, and strategies for, developing positive reciprocal relationships with families in an early childhood setting. Field experience is required. (Formerly ECED 2040)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- demonstrate knowledge of diverse family and community characteristics.
- demonstrate knowledge of the benefits of reciprocal, positive relationships with families.
- develop, analyze, and evaluate a variety of appropriate strategies that promote communication, family involvement, and participation with diverse populations and communities.
- identify and access community resources to support families and children.
- analyze ethical dilemmas in relation to working with families based on the NAEYC Code of Ethical Conduct.

**Learning Opportunities**

- Professionalism: NAEYC's Code of Ethics
- Parenting/Family development
- Family, community, culture, and diversity
- Parent involvement: benefits and techniques
- Parent-teacher partnerships and conflicts
- Working with families of diverse backgrounds and families of children with disabilities
- Documentation

*ECED 2360 - Development of Exceptional Children*

3 sem hrs cr

Development of Exceptional Children explores practices that early childhood professionals can apply to develop a more inclusive and accessible environment for children ages birth through eight. It provides students with skills to include children of all abilities through appropriate arrangement of the environment. The course includes strategies for developing strong relationships with families and other community agencies. Field experience is required. (Formerly ECED 2060)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the necessity for early intervention in an inclusive approach to early childhood education.
- identify recommended practices and elements for inclusive early childhood programs.
- demonstrate initial knowledge of legislation, regulations, and litigation related to the field of special education.
- know and understand the causes and classification of developmental disabilities.
- identify the assessment process in supporting young children with developmental disabilities.
- demonstrate and interpret the use of screening and diagnostic instruments used with young children with developmental disabilities.
- know and understand how to work effectively with a multi-disciplinary team in an effort to coordinate an appropriate educational program integrating parents, school, and community resources.
- know and understand the approaches that are used in implementing developmentally appropriate learning experiences in preparing teachers for inclusive programs.

*ECED 2365 - Final Practicum*

3 sem cr hrs

Final Practicum is a supervised clinical experience with a minimum of 15 clock hours in instruction and 90 clock hours in a Clinical Site approved by the Department (accredited

agency, 3-star, or Department-approved site). Up to 45 hours may be completed in the student's employment site with Department approval. Focuses on the student's demonstration of competencies that produce positive developmental outcomes for young children ages birth through eight. (Formerly ECED 2160)

### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- create effective lessons that are developmentally appropriate and address multiple domains.
- devise methods that encourage family participation.
- use professional resources to guide future teaching and learning.
- create a professional portfolio.
- develop a philosophy of education.
- successfully document children's progress.

#### **NAEYC Initial Standards**

The following standards will be addressed in this course:

- Standard 1: Promoting Child Development and Learning Revised August 2013
  - 1c: Using developmental knowledge to create healthy, respectful, supportive, and challenging learning environments for young children
- Standard 2: Building Family and Community Relationships
  - 2c: Involving families and communities in young children's development and learning
- Standard 3: Observing, documenting and assessing to support young children and families
  - 3b. Knowing about and using observation, documentation, and other appropriate assessment tools and approaches, including the use of technology in documentation, assessment and data collection
  - 3c: Understanding and practicing responsible assessment to promote positive outcomes for each child, including the use of assistive technology for children with disabilities
- Standard 4: Using Developmentally effective approaches
  - 4c: Using a broad repertoire of developmentally appropriate teaching/learning approaches
  - 4d: Reflecting on own practice to promote positive outcomes for each child
- Standard 5: Using content knowledge to build meaningful curriculum
  - 5a: Understanding content knowledge and resources in academic disciplines: language and literacy; the arts – music, creative movement, dance, drama, visual

- arts; mathematics; science; physical activity, physical education, health and safety; and social studies
- 5c: using own knowledge, appropriate early learning standards, and other resources to design, implement and evaluate developmentally meaningful and challenging curriculum for each child

*ECED 2370 - Developmental Assessment*

3 sem hrs cr

Developmental Assessment covers assessment for children ages birth through eight. Both formal and informal instruments will be discussed, emphasizing tools that can be effectively used by teachers of young children. Considerations in choosing, administering, and reporting results of assessments are also addressed. Field experience is required. (Formerly ECED 2070)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- know and understand the legal and ethical responsibilities in assessments.
- know about and use observation, documentation, and other appropriate assessment tools and approaches.
- identify and interpret specific terms and characteristics of different screening and assessment tools.
- develop an understanding of collecting, recording, compiling, interpreting, and summarizing assessment information.
- select and recognize different ways of reporting screening and assessment results to parents/guardians.
- know about and understand culturally appropriate assessment.
- distinguish between the Individualized Family Service Plan (IFSP) and the Individualized Education Plan (IEP).
- use informal strategies to plan and implement individual curriculum and teaching practices to meet the needs of individual children.
- know about assessment partnerships with families and other professionals.

**NAEYC Initial Standards**

The following standards will be addressed in this course:

- Standard 1: Promoting Child Development and Learning Revised August 2013
  - 1a. Knowing and understanding young children's characteristics and needs, from birth through age 8
  - 1b. Knowing and understanding the multiple influences on early development and learning

- 1c. Using developmental knowledge to create healthy, respectful, supportive, and challenging learning environments for young children
- Standard 3: Observing, documenting, and assessing to support young children and families
  - 3a. Understanding the goals, benefits, and uses of assessment – including its use in development of appropriate goals, curriculum, and teaching strategies for young children
  - 3b. Knowing about and using observation, documentation, and other appropriate assessment tools and approaches, including the use of technology in documentation, assessment, and data collection
  - 3c. Understanding and practicing responsible assessment to promote positive outcomes for each child, including the use of assistive technology for children with disabilities.
  - 3d. Knowing about assessment partnerships with families and with professional colleagues to build effective learning environments.

*ECED 2375 - Social-Emotional Development*

3 sem hrs cr

This course addresses promotion, prevention, and intervention strategies related to young children's social-emotional development and challenging behavior. The course is built around the Teaching Pyramid (Fox, Dunlap, Hemmeter, Joseph & Strain, 2003), which is a framework for understanding effective practices related to supporting young children's social-emotional development and addressing challenging behavior. The model includes a focus on building relationships with children, families, and colleagues. The course also stresses designing environments that support young children's social-emotional competence, developing strategies for teaching social skills, and promoting emotional development. It includes a systematic approach for addressing challenging behavior when it is persistent and not responsive to developmentally appropriate guidance procedures.&nbsp;

*Formerly/Same As ECED 2075*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Learning Outcomes**

- Describe the major milestones related to social-emotional development (INTASC 1; NAEYC 1a)
- Design environments that support children's social-emotional development and prevent challenging behavior (INTASC 3; NAEYC 1c, 4a)
- Define emotional literacy and identify activities that build "feeling vocabularies" (INTASC 1, 2; NAEYC 4b, 4c)
- Describe the relationship between challenging behavior, engagement, and social-emotional development (INTASC 1, 3; NAEYC 1b)
- Identify the function of children's challenging behaviors (INTASC 2; NAEYC 1b)



- Understand the steps in developing Positive Behavior Support Plans for students with persistent challenging behavior (INTASC 2; NAEYC 4b)
- Identify strategies for (INTASC 1, 2, 3; NAEYC 2b, 4a, 4b, 4c):
  - Building relationships with children, families and colleagues.
  - Teaching social skills and problem solving skills and promoting emotional development, such as the development of friendship skills.
  - Designing environments, schedules and routines and structuring transitions.
  - Helping children learn rules and routines through activities that promote engagement.
  - Identifying methods that may be used to determine the function of challenging behavior.
  - Preventing challenging behavior and teaching replacement skills for challenging behavior.
- Participate in personal reflection that (INTASC 1,3; NAEYC 4d):
  - Focuses on the teacher's understanding the importance of providing opportunities for children to begin to understand their own as well as other's emotions and teaching problem solving skills.
  - Evaluate the structure and design of children's environment and ability to build relationships.
  - Generates strategies for addressing areas where children need to make changes and improvements.

*ECED 2380 - Language and Literacy in Early Childhood*

3 sem hrs cr

Language and Literacy in Early Childhood focuses on research-based principles and practices for providing young children ages birth through eight with a strong foundation in language and literacy, using a developmentally appropriate approach. Field experience is required. (Formerly ECED 2080)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- plan and implement experiences for children to engage in play that incorporates literacy tools and heightens awareness of spoken and written language in culturally respectful environments.
- demonstrate effective strategies for involving families in supporting language and literacy in young children.
- select and use appropriate literature and other learning materials for diverse learners and respond to individual, cultural, and linguistic variations among children.
- know and use tools for assessing children's language development and literacy learning.

- demonstrate understanding through planning appropriate experiences for children that support the development of specific language and literacy child outcomes for seven areas: listening and understanding, speaking and communicating, phonological awareness, book knowledge and appreciation, print awareness and concepts, early writing, and alphabet knowledge.

*ECED 2385 - Math and Science in Early Childhood*

3 sem hrs cr

Math and Science in Early Childhood is a course covering the standards, principles, and practices in teaching mathematics and science to young children ages birth through eight. The course emphasizes developing an integrated math and science curriculum that includes appropriate content, processes, environment and materials, and child-centered choices. Field experience is required. (Formerly ECED 2085)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- identify the concepts children are developing in math and science.
- identify standards for math and science for young children.
- understand the commonalities between math and science.
- know about variations in individual and cultural learning styles and the need for curriculum integration.
- plan and implement experiences for children to engage in play that incorporate math and science.
- demonstrate understanding through planning appropriate experiences for children that support the development of the specific child outcomes in five areas: number and operations, geometry and spatial sense, patterns and measurement, scientific skills and methods, and scientific knowledge.
- demonstrate appropriate individual child assessment methods in math and science learning.
- use documentation to enhance parents' understanding of how a young child learns mathematical skills and knowledge.

**NAEYC Initial Standards**

The following standards will be addressed in this course:

- Standard 2: Building Family and Community Relationships
  - 2b: Supporting and engaging families and communities through respectful, reciprocal relationships
- Standard 3: Observing, documenting and assessing to support young children and families

- 3b. Knowing about and using observation, documentation, and other appropriate assessment tools and approaches, including the use of technology in documentation, assessment and data collection
- 3d: Knowing about assessment partnerships with families and with professional colleagues to build effective learning environments
- Standard 4: Using Developmentally effective approaches
  - 4a. Understanding positive relationships and supportive interactions as the foundation of their work with young children
- Standard 5: Using content knowledge to build meaningful curriculum
  - 5b: knowing and using the central concepts, inquiry tools, and structures of content areas or academic disciplines
- Standard 6: Becoming a Professional
  - 6e: Engaging in informed advocacy for young children and the early childhood profession

### **NAEYC Supportive Skills**

The following supportive skills are addressed in this course:

- SS 1: Self-Assessment and Self-Discovery
- SS 2: Mastering and Applying Foundational Concepts from General Education
- SS 3: Written and Verbal Communication Skills
- SS 4: Making Connections between Prior Knowledge and New Learning

### *ECED 2390 - Creative Development*

3 sem hrs cr

Creative development provides strategies for promoting creative development of the young child ages birth through eight. Topics include understanding the concept of creativity: what it is, why it is important, and how the development of creativity relates to art, music, movement, and drama. Field experience is required. (Formerly ECED 2090)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- know and understand the theoretical context of creativity as it relates to the areas of child development.
- identify developmental levels and stages of art for young children.
- understand the importance of creative thinking for adults and children.
- identify environmental influences on the separate development of creativity and self-expression.
- develop strategies for stimulating creativity, including questioning, problem solving, group activities, and socio-dramatic play for use throughout an integrated curriculum.

- plan, organize, supervise, and implement developmentally appropriate activities dealing with creative and expressive arts for children birth to age nine utilizing a variety of materials, resources, and art media.
- understand how to integrate diversity and a multicultural perspective in creative activities.
- develop a personal philosophy of creative and expressive art.

## **Economics**

### *ECON 2100 - Principles of Macroeconomics*

3 sem hrs cr

This course is a study of basic economic concepts and macroeconomics. Topics covered include basic economic theory, economic systems, national income accounting, unemployment and inflation, money and banking, fiscal and monetary policy. Prerequisite: Exemption from or completion of READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (ECON 2010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- recognize and explain the significance of economics as an academic discipline and how it relates to the social interactions between individuals, institutions, structures, and processes in a diverse society.
- analyze and communicate the methodology, values, and processes that are used to formulate general economic theories regarding the social context of individuals and institutional behavior.
- define and discuss different economic systems existing in the world and how those systems interact and affect the political, economic, cultural, and social behavior of the different societies.
- appraise the relationship and behavioral interaction between the different economic players and the impact that interaction has on social development and the quality of life for individuals, families, and communities.
- critically analyze the macroeconomic functions of government and the impact it has on personal behavior, social development, and the general quality of life for all persons.

- discuss the macroeconomic relationships existing between individuals, households, businesses, and governmental institutions and the impact those relationships have on personal and social behavior.
- analyze the macroeconomic ramifications and impact of marketplace activities on the social behavior of individuals, households, businesses, and government.
- express an understanding of fundamental economic concepts associated with recognizing and appreciating the cultural diversity of the society in which they live and how those concepts are influenced and impacted by a global culture.
- recognize and describe basic macroeconomic theory and pursuant policy-making processes that help to formulate personal and institutional views and opinions concerning existing and/or proposed national and international social and behavioral state of affairs.

*ECON 2200 - Principles of Microeconomics*

3 sem hrs cr

This course is a study of basic economic concepts and microeconomics. Topics covered include consumer and firm behavior, economic growth, market structures, price and output determination, labor and unions, international trade and finance. Prerequisite: Exemption from or completion of READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (ECON 2020)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- recognize and explain the significance of economics as an academic discipline and how it relates to the social interactions between individuals, institutions, structures, and processes in a diverse society.
- analyze and communicate the methodology, values, and processes that are used to formulate general economic theories regarding the social context of individuals and institutional behavior.
- define and discuss different economic systems existing in the world and how those systems interact and affect the political, economic, cultural, and social behavior of the different societies.

- appraise the relationship and behavioral interaction between the different economic players and the impact that interaction has on social development and the quality of life for individuals, families, and communities.
- analyze the microeconomic ramifications and impact of marketplace activities on the social behavior, social development, and the general quality of life for all persons.
- discuss the macroeconomic relationships existing between individuals, households, businesses, and governmental institutions and the impact those relationships have on personal and social behavior.
- critically analyze the microeconomic functions of government and the impact it has on personal and social development and the general quality of life for all persons.
- express an understanding of fundamental economic concepts associated with recognizing and appreciating the cultural diversity of the society in which they live and how those concepts are influenced and impacted by a global culture.
- recognize and describe basic microeconomic theory and pursuant policy-making processes to help formulate their personal views and opinions concerning existing and/or proposed social and behavioral state of affairs.

*ECON 2990 - Independent Study in Economics*

1-5 sem hrs cr

The Independent Study in Economics is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Education**

*EDU 2100 - Exceptional Child Development*

3 sem hrs cr

This course provides an introduction to the development of exceptional children. The course focuses on various types of conditions in the context of typical development. For each area of exceptionality, current research trends, theoretical and legal considerations, and practice-related issues are discussed. Family involvements, cultural and linguistic diversity, a lifespan focus and educational implications are examined.

Additional observations and problem-based learning activities are required in this course.

A minimum grade of "C" is required in this course to meet the requirement of the AST degree. Prerequisite: Documented eligibility for collegiate English. Recommended EDUC 2210

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- apply early intervention methods and approaches for students with exceptionalities.
- list terminology related to special education.
- apply accommodations to students with exceptionalities.
- describe how historical events and forces have impacted special education.
- recall aspects pertaining to special education legalities.
- demonstrate how to work effectively with a multi-disciplinary team to coordinate appropriate educational services in a general educational classroom for students and families dealing with exceptionalities.

#### **Course Objectives**

Throughout the course, students will practice...

- describing the importance of early intervention methods and services for students with exceptionalities.
- using terminology related to special education.
- using specific accommodations with students with exceptionalities.
- learning about the history of special education.
- learning about historical court cases and events that have impacted special education.
- learning how to work in a multi-disciplinary team approach as a general education teacher to coordinate education programs and services for families and students with exceptionalities.

#### *EDU 2990 - Independent Study in Education*

1-5 sem hrs cr

The Independent Study in Education is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

### **Transfer (UT) or Non-Transfer Course (UN): UN**

*EDUC 1010 - Introduction to Education*

3 sem hrs cr

This course is a survey of education in America, including the history of education, the rewards and challenges of teaching, current trends and issues, philosophies of education, teaching in a diverse and global society, the use of technology in teaching and learning, and education reforms. Students are required to complete 10 hours of classroom observation in order to receive credit for the course. Students will need to obtain a background check.

Prerequisite: Documented eligibility for collegiate English

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- recognize and articulate how historical, political, social, economic factors, and diverse cultures currently affect American education
- explain and describe the dominant philosophies that influenced education in our nation and how they have led us to our current educational system and the classroom of today
- describe the philosophies that continue to affect today's classroom.
- create their own philosophy of teaching and learning.
- explore the role of the K-12 teacher and decide whether or not to pursue a career in education.
- articulate the current lifelong learning needs of teachers as compared to those in other professions.
- describe the process(es) involved in becoming a teacher.
- explain how the law today affects teachers.
- describe the purpose of and utilize technology as an integrated tool in the teaching and learning process.
- apply and integrate principles of problem-based learning in classroom activities and examples.
- collaborate with others through authentic problem-based learning activities.
- demonstrate professionalism.
- discuss current issues, trends, and reform in public education.
- determine how to work with these in the teaching environment.
- discuss legal liabilities and responsibilities in the teaching profession.
- explore curriculum standards and the use of these in lesson planning.
- articulate and evaluate the ramifications and impact of teaching in a global society.
- to better prepare students to compete in the 21st-century workforce with the proper technology tools.

**Course Objectives**



Throughout the course, students will practice...

- describing and understanding concepts, principals, and overarching themes in education.
- developing a working knowledge of current trends and content in today's classroom environment and contrasting it with the classroom that our students would have experienced.
- describing how educational concepts impact their future classroom.
- developing classroom skills through classroom observations.
- learning through classroom observations.
- articulating the purpose and use of technology in today's classroom.

### *EDUC 2210 - Educational Psychology*

3 sem hrs cr

This course explores physical, mental, social, and moral development of individuals from birth to the end of life. How humans learn is a large component of the course. Learning and behavioral theories are addressed. This is a capstone course and should be taken preferably in the student's final term at Motlow. Additional observations outside of class are required in order to receive credit for the course. A minimum of grade of "C" is required in the course to meet the requirement of the A.S.T. degree. This course is required for students pursuing an Associate of Science in Teaching degree and others seeking teacher licensure. Prerequisite: EDUC 1010 and EDU 2100 with a grade of "C" or higher

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (EDU 2110)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- apply research-based practices in daily teaching and instruction.
- identify predominant theorists and apply their various learning theories within educational modalities.
- use human development and learning theories to create developmentally appropriate instruction.
- describe alternative learning assessments to measure predetermined outcomes and explain procedures for interpreting and evaluating various tools of assessment.
- describe a multicultural learning environment for children.
- explain the relationship of student development to physical growth, psychosocial maturity, and moral reasoning

- assist children in cognitive, moral, social, and emotional development using researched-based principles and theories.
- recognize the need and describe how to differentiate learning due to the complexities of diversity.
- apply information from observations; relate the classroom field experience to expectations and outlook for a career in education.
- apply information acquired in the class to assist in the successful completion of exit exams required for all teaching candidates.

### **Course Objectives**

Throughout the course, students will practice...

- describing and understanding concepts, principals, and overarching themes in education.
- developing a working knowledge of current trends and content in today's classroom environment and contrasting it with the classroom that our students would have experienced.
- describing how educational concepts impact their future classroom.
- developing classroom skills through classroom observations.
- learning through classroom observations
- articulating the purpose and use of technology in today's classroom.

### **Emergency Management**

*EMGT 1010 - Introduction to Community Emergency Response*

3 sem hrs cr

This course is an introduction to the key concepts of disaster preparedness for responding to a community crisis. The course focuses on building and applying the higher-level leadership skills required for effective leadership skills in a Community Emergency Response Team (CERT). With attention to basic disaster response skills, the students will learn about fire safety, light search and rescue missions, terrorism, leadership skills for team organization, and basic disaster medical operations.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Emergency Medical Technology**

*EMSA 1111 - Advanced EMT Clinical*

1 sem hr cr

The Advanced EMT Clinical is one of two courses designed to allow the student to meet all

psychomotor and affective objectives for the clinical requirements of an Advanced Emergency Medical Technician program and build upon the concepts and knowledge gained during prior and/or concurrent courses.

The outcomes presented in EMSA 1111 and EMSA 1112 may be taught in a coterminous format or in a two-semester format.

48-96 hrs of clinical/field experience will be completed this semester.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSA 1112, EMSA 1501 and EMSA 1201

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSA 1112 - Advanced EMT Field Internship*

1 sem hr cr

The Advanced EMT Field Internship is the one of two courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of an Advanced Emergency Medical Technician program and build upon the concepts and knowledge gained during prior and/or concurrent courses.

The outcomes presented in EMSA 1111 and EMSA 1112 may be taught in a coterminous format or in a two-semester format.

48-96 hrs of clinical/field experience will be completed this semester.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSA 1111 , EMSA 1502 , and EMSA 1202 depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSA 1201 - Advanced EMT Medical Skills Lab*

2 sem hrs cr

The Advanced EMT Medical Skills Lab is the one of two laboratory based courses intended to focus the student on developing skills related to theory presented in didactic classes taken as co-requisites for this course. This laboratory experience will utilize scenarios to emphasize airway maintenance, medication administration, and successfully assessing patients with a variety of medical concerns.

The outcomes presented in EMSA 1201 and EMSA 1202 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSA 1501 and EMSA 1111

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSA 1202 - Advanced EMT Trauma and Medical Skills Lab*  
2 sem hrs cr

The Advanced EMT Trauma and Medical Skills Lab is one of two laboratory based courses intended to focus the student on developing skills related to theory presented in didactic classes taken as co-requisites for this course. This laboratory experience will utilize scenarios to emphasize airway maintenance, medication administration, and successfully assessing patients with a variety of medical concerns.

The outcomes presented in EMSA 1201 and EMSA 1202 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSA 1201 , EMSA 1502 , and EMSA 1112 depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSA 1501 - Advanced EMT Medical Emergencies*  
5 sem hrs cr

The Advanced EMT Medical Emergencies is the one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: Emergency Medical Responder and Emergency Medical Technician- National Educational Standards competencies, roles and responsibilities of the AEMT, workforce safety, wellness, public health, communications, documentation, medical/legal/ethical considerations, anatomy and physiology, life span development, pathophysiology, patient assessment, critical thinking, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies.

The outcomes presented in EMSA 1501 and EMSA 1502 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSA 1201 and EMSA 1111

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### *EMSA 1502 - Advanced EMT Trauma and Medical Emergencies*

5 sem hrs cr

The Advanced EMT Trauma and Medical Emergencies is one of two lecture courses which includes basic and limited advanced skills focused on the acute management and transportation of critical and emergent patients. This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, EMS operations, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head & spine injuries, face & neck injuries, chest injuries, abdominal & genitourinary injuries, and orthopedic injuries.

The outcomes presented in EMSA 1501 and EMSA 1502 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSA 1501 , EMSA 1202 , and EMSA 1112 depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1101 - EMT Medical Skills Lab*

1 sem hr cr

EMT Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize EMS operations, communications, documentation, medical/legal/ethical considerations, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, behavioral emergencies, assisting with medication administration, and successful assessment of patients with a variety of medical concerns. This course includes application of principles and processes discussed in EMT Medical Emergencies.

The outcomes presented in EMSB 1101 and EMSB 1102 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140. Prerequisite: Admission to the EMT Program Corequisite: EMSB 1601 and EMSB 1111

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1102 - EMT Trauma and Medical Skills Lab*

1 sem hr cr

EMT Trauma and Medical Skills Lab is a laboratory based course utilizing scenarios to emphasize obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock.

The outcomes presented in EMSB 1101 and EMSB 1102 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140. Prerequisite: Admission to the EMT Program Corequisite: EMSB 1601 , EMSB 1101 , EMSB 1111 , EMSB 1602 , and EMSB 1112 depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1111 - EMT Clinical*

1 sem hr cr

EMT Clinical is the one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned in EMT Medical Emergencies and EMS Operations.

The outcomes presented in EMSB 1111 and EMSB 1112 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140. Prerequisite: Admission to the EMT Program Corequisite: EMSB 1601 and EMSB 1101

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1112 - EMT Clinicals*

1 sem hr cr

EMT Field Internship is the one of two clinical courses designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program and build upon the concepts and knowledge learned during prior and/or concurrent courses.

48-96 hrs of clinical/field experience will be completed this semester.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140.

Prerequisite: Admission to the EMT Program Corequisite: EMSB 1601 , EMSB 1101 , EMSB 1111 , EMSB 1602 , and EMSB 1102 depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1303 - EMT Skills and Clinical Lab for High School-Level Programs I*

3 sem hrs cr

Lecture hours: 0

Contact/lab/clinical hours: 60

Total contact hours: 60

EMT Skills and Clinical Lab for High School-Level Programs I is a laboratory- and clinical-based course emphasizing EMS operations, communications, documentation, medical/legal/ethical considerations, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, behavioral emergencies, assisting with medication administration, and successful assessment of patients with a variety of medical concerns. The clinical portion of the class is designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program. Prerequisite: Admission to the EMT Program.

Corequisite: EMSB 1601 and EMSB 1111

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1304 - EMT Skills and Clinical Lab for High School-Level Programs II*

3 sem hrs cr

Lecture hours: 0

Contact/lab/clinical hours: 60

Total contact hours: 60

EMT Skills and Clinical Lab for High School-Level Programs II is a laboratory- and clinical-based course emphasizing obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. The clinical portion of the class is designed to allow the student to meet all psychomotor and affective outcomes for the clinical requirements of an EMT program. Prerequisite or Corequisite: EMSB 1101, EMSB 1601 EMSB 1111, EMSB 1602, and EMSB 1112, depending on delivery schedule.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1503 - Fundamentals of Emergency Medical Technician for High School-Level Programs I*

5 sem hrs cr

Fundamentals of Emergency Medical Technician for High School-Level Programs I is one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: Emergency Medical Responder-National Educational Standards competencies; roles and responsibilities of the



EMT; workforce safety; wellness; public health; communications; documentation; EMS operations; medical/legal/ethical considerations; fundamental anatomy and physiology; lifespan development; fundamental pathophysiology; patient assessment; airway management; respiratory emergencies; cardiovascular emergencies; acute diabetic emergencies; abdominal and gastrointestinal emergencies; urologic emergencies; anaphylactic reactions; and behavioral emergencies.

5 sem hrs credit

Lecture hours: 90

Total contact hours: 90 Prerequisite: Admission to the EMT Program. Corequisite: EMSB 1303, depending on delivery

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1504 - Fundamentals of Emergency Medical Technician for High School-Level Programs II*

5 sem hrs cr

Lecture hours: 90

Total contact hours: 90

Fundamentals of Emergency Medical Technician for High School-Level Programs II is the second of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: obstetrics and gynecology; neonatal care; pediatric emergencies; geriatric emergencies; environmental emergencies; patients with special challenges; and trauma and shock. Trauma and shock will include the following topics: bleeding; soft-tissue injuries; head & spine injuries; face & neck injuries; chest injuries; abdominal & genitourinary injuries; and orthopedic injuries.

The outcomes presented in EMSB 1401, EMSB 1402 and EMSB 1403 may be taught in a coterminous format or in a two-semester format. Prerequisite: Completion of all Learning Support competencies in Reading and Writing or instructor approval Corequisite: EMSB 1304, depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1601 - EMT Medical Emergencies and EMS Operations*

6 sem hrs cr

EMT Medical Emergencies and EMS Operations is the one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT).

This course includes the following topics: Emergency Medical Responder-National Educational Standards competencies, roles and responsibilities of the EMT, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal/ethical considerations, fundamental anatomy and physiology, life span development, fundamental pathophysiology, patient assessment, airway management, respiratory emergencies, cardiovascular emergencies, acute diabetic emergencies, abdominal and gastrointestinal emergencies, urologic emergencies, anaphylactic reactions, and behavioral emergencies. The outcomes presented in EMSB 1601, and EMSB 1602 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140. Prerequisite: Admission to the EMT program Corequisite: EMSB 1101, EMSB 1111

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSB 1602 - EMT Trauma and Medical Emergencies*

6 sem hrs cr

EMT Trauma and Medical Emergencies is the one of two lecture courses designed to provide the student with the knowledge of an entry-level Emergency Medical Technician (EMT). This course includes the following topics: obstetrics and gynecology, neonatal care, pediatric emergencies, geriatric emergencies, environmental emergencies, patients with special challenges, trauma and shock. Trauma and shock will include the following topics: bleeding, soft tissue injuries, head & spine injuries, face & neck injuries, chest injuries, abdominal & genitourinary injuries, and orthopedic injuries.

The outcomes presented in EMSB 1601 and EMSB 1602 may be taught in a coterminous format or in a two-semester format.

Participants must achieve a "C" or better to progress in each EMT course and to successfully complete the program of study. Please see Criteria: State of Tennessee, Division of EMS Rule (1200-12-1-.04 and 1200-12-1-.13) pursuant to T.C.A. Title 68, Chapter 140. Prerequisite: Admission to the EMT Program Corequisite: EMSB 1601, EMSB 1101, EMSB 1111, and EMSB 1102, and EMSB 1112 depending on delivery schedule

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 1311 - Paramedic Clinical I*

3 sem hrs cr

Paramedic Clinical I is the first of three clinical courses designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of a paramedic program and build upon the concepts and knowledge gained during the first semester. Prerequisite: Admission to the Paramedic Program and all EMSB and EMSA courses or TN AEMT license. Corequisite: EMSP 1801 and EMSP 1401

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 1401 - Paramedic Skills Labs I*

4 sem hrs cr

Skills Lab I is a laboratory based course utilizing scenarios to emphasize airway management, medication administration, and successful assessment of patients with a variety of medical concerns and an introduction to cardiology. This course includes application of principles and processes discussed in Fundamentals I. Prerequisite: Admission to the Paramedic Program and all EMSB and EMSA courses or TN AEMT license. Corequisite: EMSP 1801 and EMSP 1311

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 1801 - Fundamentals of Paramedic I*

8 sem hrs cr

Fundamentals of Paramedic is the first of two lecture courses to include the following topics: paramedic roles, responsibilities, workforce safety, wellness, public health, communications, documentation, EMS operations, medical/legal considerations, anatomy and physiology, life span development, general pathophysiology, general pharmacology, patient assessment, critical thinking, airway management, respiratory emergencies and introduction to cardiology.

Prerequisite: Admission to the Paramedic Program and all EMSB and EMSA courses or TN AEMT license. Corequisite: EMSP 1401 and EMSP 1311

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 2303 - Paramedic Practicum*

3 sem hrs cr

Paramedic Practicum is a combination of laboratory and scenarios based course intended to assist students on developing skills related to the theories presented in their previous courses. This course will allow for preparation for psychomotor licensure testing and preparation as a competent entry level Paramedic. Prerequisite: EMSP 1401 and EMSP 2402 Corequisite: EMSP 2403 and EMSP 2513

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 2402 - Paramedic Skills Labs II*

4 sem hrs cr

Paramedic Skills Lab II is a laboratory based course intended to utilize scenarios to emphasize respiratory/cardiac emergencies (on-going from EMSP 1401), pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, trauma, continuing cardiology, and successful assessment of patients with a variety of medical conditions. This course includes application of principles and processes discussed in Fundamentals I. Prerequisite: All EMSB and EMSA courses or TN AEMT license and EMSP 1801, EMSP 1401, and EMSP 1311 Corequisite: EMSP 2802 and EMSP 2412

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 2403 - Paramedic Capstone*

4 sem hrs cr

Paramedic Capstone serves as a mechanism to insure that the student meets academic requirements to test for National Registry and licensure. This course will include all necessary steps needed to complete the program including exit exams, preparation for National Registry practical and written exams, exit interviews, patient care review by the Medical Director, and any other administrative requirements that the program may deem necessary. Prerequisite: All EMSB and EMSA courses or TN AEMT license and EMSP 1801 and EMSP 2802 Corequisite: EMSP 2303 and EMSP 2513

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 2412 - Paramedic Clinical II*

4 sem hrs cr

Paramedic Clinical II is the second of three clinical experiences designed to allow the student to meet all psychomotor and affective objectives for the clinical requirements of a paramedic program and to build upon the concepts and knowledge gained during prior and/or concurrent courses. Prerequisite: All EMSB and EMSA courses or TN AEMT license and EMSP 1801, EMSP 1401, and EMSP 1311 Corequisite: EMSP 2802 and EMSP 2402

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 2513 - Paramedic Field Internship*

5 sem hrs cr

Paramedic Field Internship provides evidence that the student is capable of acting as a team leader in managing the emergency care and treatment of an injured or ill patient at the paramedic level. The student will demonstrate competency in this role. While all skill sets should have been achieved prior to initiating the internship, patient types and pathologies may be used from this experience to complete the minimum graduation academic requirements as set forth in CoAEMSP accreditation documents and the Tennessee Office of EMS. Prerequisite: All EMSB and EMSA courses or TN AEMT license and EMSP 1311 and EMSP 2412 Corequisite: EMSP 2303 and EMSP 2403

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*EMSP 2802 - Fundamentals of Paramedic II*

8 sem hrs cr

Fundamentals of Paramedic II is the second of two lecture courses to include the following topics: respiratory & cardiology (on-going from EMSP 1801), pulmonology, neurology, endocrinology, gastroenterology, urology and nephrology, hematology, gynecology, obstetrics, neonatology, pediatrics, geriatric emergencies, psychological emergencies and trauma/shock. Prerequisite: All EMSB and EMSA courses or TN AEMT license and EMSP 1801, EMSP 1401, and EMSP 1311 Corequisite: EMSP 2402 and EMSP 2412

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

## Engineering

### *ENGR 2110 - Statics*

3 sem hrs cr

This course is a study of vector algebra, resultants, equilibrium, friction, centers of gravity, centroids, moments of inertia, statics of particles, equilibrium of rigid bodies in two and three dimensions, and analysis of structures. Prerequisite or Corequisite: MATH 1910 and PHYS 2110

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

### *ENGR 2120 - Dynamics (Particles and Rigid Bodies)*

3 sem hrs cr

This course is a study of particle kinematics, absolute and relative motion, kinetics, applications of Newton's Laws, work-energy principle, impulse-momentum principle, systems of particles, kinematics of rigid bodies, and mechanical vibrations. Prerequisite: MATH 1920 and ENGR 2110

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- understand, analyze, and solve particle kinematics problems.
- understand, analyze, and solve 2-D, rigid body kinematics.
- apply Newton's methods to solve kinetics problems.
- apply work/energy methods to solve kinetics problems (particles, rigid bodies, and systems).
- apply impulse/momentum methods to solve kinetics problems (particles, rigid bodies, and systems).
- understand, analyze, and solve equations of motion and natural frequencies of single-degree-of-freedom vibratory systems.

### *ENGR 2130 - Circuits I*

4 sem hrs cr

This course is an introduction to circuit analysis. The content includes Kirchoff's laws, circuit

theorems, DC circuit analysis phasors, AC circuit analysis, and transient response of dynamic circuits. Digital computer analysis of electrical circuits is also covered. This course includes an introduction to laboratory instrumentation, measurement techniques, electrical circuit elements, and circuit behavior for DC, AC and transient sources. Digital computer analysis of electrical circuits is also included. Prerequisite: MATH 1920

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### *ENGR 2990 - Independent Study in Engineering*

1-5 sem hrs cr

The Independent Study in Engineering is a specially designed course for students interested in pursuing specific projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### **Engineering Systems Technology**

#### *ENST 1311 - Computer-Aided Design I*

3 sem hrs cr

The course covers basic technical drawing, sketching, and drafting concepts using personal computers, plotters, and appropriate CAD software.

### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- communicate technical information through the integrated use of sketching techniques.
- apply orthographic projection principles to generate basic working drawings using a CAD system.
- demonstrate the ability to apply dimensions to working drawings within ANSI/ISO guidelines using a CAD system.
- communicate technical information through the integrated use of computer software.
- read and interpret engineering drawings.

- understand two-dimensional drafting using computers as well as the use of Computer-Assisted Drafting/Design system.
- understand computer-assisted drafting/design and application
- demonstrate proficiency of essential industry skills as measured by a third-party evaluator such as, but not limited to, SACA, NC3, NOCTI, YASKAWA, and Amatrol LMS.

## English

### *ENGL 1010 - English Composition I*

3 sem hrs cr

This course focuses on essay writing using a variety of expository patterns and emphasizes critical reading and discussion of selected essays, logical thinking, and an introduction to incorporation and documentation of material from primary sources. Prerequisite: Exemption from ENGL 0810 or concurrent enrollment in ENGL 0810

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- distill a primary purpose into a single, compelling statement.
- order and develop major points in a reasonable and convincing manner based on purpose.
- develop their ideas using appropriate rhetorical patterns (i.e. narration, example, process, comparison/contrast, classification, cause/effect, definition, argumentation, etc.) and other special functions (i.e., analysis, research, etc.).
- employ correct diction, syntax, usage, grammar, and mechanics in their writing.
- manage and coordinate basic information gathered from multiple sources.
- respond adequately and appropriately to the needs of the audience and the requirements of the writing situation.
- understand that the writing process includes procedures such as planning, organizing, composing, revising, and editing.

#### **Course Objectives**

- To practice writing as a process involving Invention, Drafting, Revising, and Editing
- To practice formulating and supporting a clear thesis
- To practice an awareness of the rhetorical situation by writing with a focused purpose to a narrow audience



- To practice the use of 3 to 4 rhetorical patterns and functions of organization such as narration, comparison and contrast, cause and effect, argumentation, etc.
- To practice editing and revising strategies for errors in syntax, usage, grammar, and mechanics
- To practice correctly quoting, paraphrasing, and summarizing source material in MLA format
- To practice reading comprehension and rhetorical analysis skills

*ENGL 1020 - English Composition II*

3 sem hrs cr

This course emphasizes expository and analytic writing, critical thinking, in-depth extended research, and the incorporation and documentation of source material into student writing.

Prerequisite: ENGL 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- distill a primary purpose into a single, compelling statement.
- order and develop major points in a reasonable and convincing manner based on purpose.
- develop their ideas using appropriate rhetorical patterns (i.e. narration, example, process, comparison/contrast, classification, cause/effect, definition, argumentation, etc.) and other special functions (i.e., analysis, research, etc.).
- employ correct diction, syntax, usage, grammar, and mechanics in their writing.
- manage and coordinate basic information gathered from multiple sources.
- respond adequately and appropriately to the needs of the audience and the requirements of the writing situation.
- understand that the writing process includes procedures such as planning, organizing, composing, revising, and editing.

**Course Objectives**

- To practice writing as a process involving Invention, Drafting, Revising, and Editing
- To practice arguing a thesis persuasively for a narrow audience

- To practice an awareness of the rhetorical situation by writing with a focused purpose to a narrow audience
- To practice utilizing appropriate rhetorical patterns and functions
- To practice editing and revising strategies for errors in syntax, usage, grammar, and mechanics
- To practice correctly quoting, paraphrasing, and summarizing source material in MLA format
- To practice reading comprehension and rhetorical analysis skills
- To practice critical-thinking skills
- To practice finding and managing appropriate sources for writing assignments
- To practice evaluating the credibility and effectiveness of sources

*ENGL 2045 - Introduction to Literature*

3 sem hrs cr

This course emphasizes the reading and analysis of a variety of literary types as forms of cultural and creative expression and highlights themes and experiences common to the human existence and experience. Specific topics are determined by the instructor, and the course focuses on texts that reflect different historical and cultural contexts and perspectives. Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (ENGL 2030)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- explain the ways that literary works emerge from and respond to particular cultures, historical moments, and values.
- use literature as a lens through which the ideas, forces, and values that have shaped the modern world can be assessed critically from a multicultural point of view.
- use literature to practice the critical and analytical methodologies of the Humanities or Fine Arts.

**Course Objectives**

In this course, students will practice...

- reading literary texts as pieces of art to be analyzed in terms of theme and aesthetic complexity.
- using literary texts as tools to facilitate discussions of enduring human values that students are likely to confront in the contemporary world.
- reading literary texts as cultural artifacts that reflect the socio-political conflicts of their time and place.
- facilitating discussions of socio-political issues that students are likely to confront in the contemporary world.
- writing and argumentation skills.
- reading comprehension and rhetorical analysis skills.

*ENGL 2055 - African American Literature*

3 sem hrs cr

This course is a survey of African American literature from its beginnings through the present. Representative literary works are studied within their historical and cultural contexts using high-impact practices.

Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* ENGL 2530

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon successful completion of this course, students will be able to...

- demonstrate knowledge of literature from a significant body of American literary works written by people of African descent.
- display critical-thinking, reading, and writing competence.
- identify recurrent themes in African American literature.
- connect social issues in texts with social justice in contemporary society.
- demonstrate knowledge of course materials through diverse assessments.
- exchange ideas with faculty and peers about important issues related to African American literature and culture calmly and respectfully.
- discuss significant African American writers of fiction, poetry, and speeches.
- collaborate with peers to research influential African Americans effectively.
- discuss the special insight into America provided by African American writers.
- relate to African American culture through field trips, music, film, podcasts, and other means.
- discuss the depth and diversity of the African American literary tradition.

**Course Objectives**

- To improve critical-thinking, critical-reading, and analytical-writing skills
- To build communication skills as speakers and writers
- To collaborate with classmates to produce appropriate academic work
- To discover significant contributions African Americans have made to American literature and thought

*ENGL 2130 - Topics in American Literature*

3 sem hrs cr

This course is the study of representative works of American prose, poetry, and/or drama beginning with the early settlement period through the twentieth century. Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly ENG 2020)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- explain the ways that American literary works emerge from and respond to particular cultures, historical moments, and values.
- use American literature as a lens through which the ideas, forces, and values that have shaped the modern world can be assessed critically from a multicultural point of view.
- use American literature to practice the critical and analytical methodologies of the Humanities or Fine Arts.

**Course Objectives**

- To practice reading literary texts as pieces of Art to be analyzed in terms of theme and aesthetic complexity
- To practice using literary texts as tools to facilitate discussions of enduring human values that students are likely to confront in contemporary America
- To practice reading literary texts as cultural artifacts that reflect the socio-political conflicts of their time and place and to facilitate discussions of socio-political issues that students are likely to confront in contemporary America
- To practice writing and argumentation skills
- To practice reading comprehension and rhetorical analysis skills

*ENGL 2235 - Topics in British Literature*

3 sem hrs cr

This course is the study of representative works of British prose, poetry, and/or drama beginning with the Anglo-Saxon period through the early twentieth century. Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly ENG 2030, ENGL 2230)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- explain the ways that British literary works emerge from and respond to particular cultures, historical moments, and values.
- use British literature as a lens through which the ideas, forces, and values that have shaped the modern world can be assessed critically from a multicultural point of view.
- use British literature to practice the critical and analytical methodologies of the Humanities or Fine Arts.

**Course Objectives**

- To practice reading literary texts as pieces of Art to be analyzed in terms of theme and aesthetic complexity
- To practice using literary texts as tools to facilitate discussions of enduring human values that students are likely to confront in contemporary America
- To practice reading literary texts as cultural artifacts that reflect the socio-political conflicts of their time and place and to facilitate discussions of socio-political issues that students are likely to confront in contemporary America
- To practice writing and argumentation skills
- To practice reading comprehension and rhetorical analysis skills

*ENGL 2310 - Early World Literature*

3 sem hrs cr

This course is an in-depth study of a variety of world prose, poetry, and/or drama from the ancient period, the medieval period, and the pre-modern period. Students will also research literary topics and write analytical papers. Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly ENG 2040)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- explain the ways that World literary works emerge from and respond to particular cultures, historical moments, and values.
- use World literature as a lens through which the ideas, forces, and values that have shaped the modern world can be assessed critically from a multicultural point of view.
- use World literature to practice the critical and analytical methodologies of the Humanities or Fine Arts.

#### **Course Objectives**

- To practice reading literary texts as pieces of Art to be analyzed in terms of theme and aesthetic complexity
- To practice using literary texts as tools to facilitate discussions of enduring human values that students are likely to confront in contemporary America
- To practice reading literary texts as cultural artifacts that reflect the socio-political conflicts of their time and place and to facilitate discussions of socio-political issues that students are likely to confront in contemporary America
- To practice writing and argumentation skills
- To practice reading comprehension and rhetorical analysis skills

*ENGL 2320 - Modern World Literature*

3 sem hrs cr

This course is an in-depth study of a variety of world prose, poetry, and/or drama from the modern period. Students will also research literary topics and write analytical papers.

Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- explain the ways that world literary works emerge from and respond to particular cultures, historical moments, and values.
- use world literature as a lens through which the ideas, forces, and values that have shaped the modern world can be assessed critically from a multicultural point of view.
- use world literature to practice the critical and analytical methodologies of the Humanities or Fine Arts.

**Course Objectives**

- To practice reading literary texts as pieces of Art to be analyzed in terms of theme and aesthetic complexity
- To practice using literary texts as tools to facilitate discussions of enduring human values that students are likely to confront in contemporary America
- To practice reading literary texts as cultural artifacts that reflect the socio-political conflicts of their time and place and to facilitate discussions of socio-political issues that students are likely to confront in contemporary America
- To practice writing and argumentation skills
- To practice reading comprehension and rhetorical analysis skills

*ENGL 2330 - Topics in World Literature*

3 sem hrs cr

This course is a study of representative works of world fiction, poetry, and drama from the ancient period through the modern period. Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- explain the ways that literary works (American, British, or World) emerge from and respond to particular cultures, historical moments, and values.

- use literature (American, British, or World) as a lens through which the ideas, forces, and values that have shaped the modern world can be assessed critically from a multicultural point of view.
- use literature (American, British, or World) to practice the critical and analytical methodologies of the Humanities or Fine Arts.

### **Course Objectives**

- To practice reading Literary texts as pieces of Art to be analyzed in terms of theme and aesthetic complexity
- To practice using Literary texts as tools to facilitate discussions of enduring human values that students are likely to confront in contemporary America
- To practice reading Literary texts as cultural artifacts that reflect the socio-political conflicts of their time and place and to facilitate discussions of socio-political issues that students are likely to confront in contemporary America
- To practice writing and argumentation skills
- To practice reading comprehension and rhetorical analysis skills

### *ENGL 2900 - Creative Writing I*

3 sem hrs cr

This course introduces students to the elements and techniques in creative writing (essay, short fiction, poetry, drama). Topics include the mechanics for submission of manuscripts for publication as well as current trends and issues in creative writing. The course is writing-intensive and emphasizes both individual and group analysis. Prerequisite: ENGL 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

(This course does not substitute for the sophomore literature requirement.)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- analyze contemporary poetry and prose by identifying both genre conventions and formal characteristics.
- employ genre conventions and formal characteristics effectively in their own creative writing across genres.
- demonstrate use of a creative writing process that includes procedures such as planning, organizing, composing, revising, and editing.
- provide constructive workshop feedback that assists peers as they revise their work.
- submit their own polished work for publication.

### **Course Objectives**



- To read contemporary creative writing across genres and from a variety of publications
- To practice creative writing across genres as a recursive, revision-intensive process
- To practice both workshopping creative pieces written by others and revising original work based on comments received in workshop
- To interact with and learn from writers and editors of creative writing beyond outside this classroom
- To practice preparing and submitting manuscripts for publication

*ENGL 2990 - Independent Study in English*

1-5 sem hrs cr

The Independent Study in English is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

English as a Second Language

*ENGL 0810 - Learning Support Writing for English Language Learners*

3 sem hrs cr

This course focuses on the development and use of academic writing skills for ESL learners for collegiate-level courses and emphasizes standard written English through the use of course lectures and small-group assignments. Students will develop writing skills that are needed to produce coherent letters and essays in American English. Focus will be on the writing process (prewriting activities, revising, editing), rhetorical formats, sentence structure, and grammar. In addition, there will be in-class discussions of readings and writing strategies.

Students signing up for this course must also be enrolled in the ENGL 1010 - English Composition I for English Language Learners course during the same semester with the same starting and ending dates as the 0810 course. Any degree-seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 during his or her first semester. Corequisite: ENGL 1010 - English Composition I for English Language Learners

**Transfer (UT) or Non-Transfer Course (UN): UT**

*ENGL 1010 - English Composition I for English Language Learners*

3 sem hrs cr

This course focuses on essay writing using a variety of expository patterns and emphasizes critical reading and discussion of selected essays, logical thinking, and an introduction to

incorporation and documentation of material from primary sources. Students will develop sentence-, paragraph-, and essay-writing skills necessary to write a coherent, effective collegiate-level essay. These skills will include further development of organization skills, vocabulary, and grammatical structures.

Students signing up for this course must also be enrolled in ENGL 0810 - Learning Support Writing for English Language Learners course during the same semester with the same starting and ending dates as the 1010 course. Any degree-seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 during his or her first semester. Corequisite: ENGL 0810 - Learning Support Writing for English Language Learners

**Transfer (UT) or Non-Transfer Course (UN): UT**

## **French**

*FREN 1010 - Beginning French I*  
3 sem hrs cr

This course emphasizes the essentials of French grammar and develops reading, writing, and speaking skills in the language. Readings about French culture are included.

*Formerly/Same As (Formerly FRE 1110)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*FREN 1020 - Beginning French II*  
3 sem hrs cr

This course continues to emphasize the essentials of French grammar and further develops reading, writing, and speaking skills. Introductory readings in French literature are included. Prerequisite: FREN 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly FRE 1120)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*FREN 2010 - Intermediate French I*  
3 sem hrs cr

This course emphasizes a more advanced grammar review with exercises for improving oral and written skills and includes readings in French literature and culture. Prerequisite: FREN 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Objectives**

Upon successful completion of this course, students will...

- learn to listen, speak, write, and read in French at the intermediate level.
- explore cultural aspects of the Francophone world.
- be able to communicate at an intermediate level using vocabulary from this book and class activities.

**Course Objectives**

- To be able to understand classroom procedures in the target language
- To be able to communicate with instructor in the target language
- To be able to read brief passages and translate from French/English and English/French
- To participate in class dialogs in order to develop listening and speaking skills
- To select and prepare a special project for presentation to the rest of the class
- To be able to translate oral dictation from English/French and French/English

*FREN 2020 - Intermediate French II*

3 sem hrs cr

This course continues with a more advanced grammar review and further develops oral and written skills. Readings in French literature are expanded. Prerequisite: FREN 2010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Objectives**

Upon successful completion of this course, students will...

- learn to listen, speak, write, and read in French at the intermediate level.
- explore cultural aspects of the Francophone world.
- be able to communicate at an intermediate level using vocabulary from this book and class activities.

**Course Objectives**

- To be able to understand classroom procedures in the target language
- To be able to communicate with instructor in the target language
- To be able to read brief passages and translate from French/English and English/French
- To participate in class dialogs in order to develop listening and speaking skills

- To select and prepare a special project for presentation to the rest of the class
- To be able to translate oral dictation from English/French and French/English

*FREN 2990 - Independent Study in French*

1-5 sem hrs cr

The Independent Study in French is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Geography**

*GEOG 1012 - Cultural Geography*

3 sem hrs cr

This course examines variations in culture and analyzes how cultural elements vary or recur from place to place and influence change and economic development. Topics include demographics, distribution patterns, and interactions of such cultural characteristics as language, religion, politics, urbanization, and economics. Prerequisite: Exemption from or completion of READ 0810 and ENGL 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly GGY 1010, GEOL 1030)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*GEOG 2010 - World Regional Geography*

3 sem hrs cr

This course examines world regions from a geographical perspective. Topics include major physical and cultural characteristics of each region, location, land forms, climate, population, political structures, agriculture, industry, resources, languages, and religions. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an

instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly GGY 2010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

This course prepares students to...

- locate major geographical features on a blank map.
- recognize how geography influenced the development of civilizations and countries.
- identify major cultural, racial, and ethnic groups and major population centers.
- explain the key factors shaping regional cultural identity.
- evaluate the impact of political decision on countries, regions, and populations.
- understand how our world is connected through trade and communication.
- comprehend the role our country plays in world affairs.

**Course Objectives**

In this course students will have the opportunity to...

- read and interpret maps using such map properties as scale, projection, orientation, and symbols.
- understand and properly apply geographic terms in class discussion.
- evaluate world events as presented by various media sources.
- study and evaluate various political, cultural, religious, and social structures.
- apply the geographic approach to societal questions by examining relationships among environmental, cultural, political, religious, and economic phenomena.
- write clearly and logically about topics related to world regional geography.

*GEOG 2990 - Independent Study in Geography*

1-5 sem hrs cr

The Independent Study in Geography is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly GGY 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

## Geology

### *GEOL 1030 - Survey of Geology*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course focuses upon the earth's structure, function, physical processes, and location in space. Emphasis is given to the external and internal forces that mold the face of the earth and its atmosphere. Prerequisite: Exemption from or completion of learning support competency courses.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly GEO 1200)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- list and understand the sciences traditionally included in Earth science.
- summarize some of the relationships between people and the natural environment.
- describe the nature of scientific inquiry and list the basic steps of the scientific method.
- describe the myriad ways we learn about the Earth, and provide examples of Earth spheres at work.
- diagram the rock cycle and discuss the geologic processes and energy sources that contribute to each rock group.
- understand the importance of rocks and how their characteristics provide clues to geologic events and as indicators for exploration of metallic and nonmetallic mineral resources.
- examine the worldwide distribution of earthquakes including how scientists determine the location and size of the earthquake.
- compare and contrast the scientific ideas and definitions for the continental drift hypothesis and the theory of plate tectonics.
- explore the contributions of prominent scientists to the science of historical geology, including the doctrine of uniformitarianism.
- give the definitions of numerical and relative dating and apply relative dating techniques to understand how scientists reconstruct Earth's history.

#### **Student Objectives**

Students will...

- analyze and recognize the internal processes under Earth's crust.
- identify and interpret the external processes above Earth's crust.
- explore scientific processes and make inferences based on their observations.
- develop a global perspective and examine Earth's processes as a whole system.
- examine and identify rocks and minerals, determine the ways they are produced, and describe and explain their placement in and on Earth.
- study the development, locations, and importance of fossils as they apply to determining relative time.

### *GEOL 2990 - Independent Study in Geology*

1-5 sem hrs cr

The Independent Study in Geology is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly GEO 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **GIS Mapping**

#### *GISM 1010 - Introduction to GIS Mapping*

3 sem hrs cr

Introduction to GIS Mapping is designed to provide the students with an understanding of the methods and theories of spatial analysis that will allow students to apply GIS knowledge and skills to everyday life and an agriculture setting.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Health/Physical Education**

#### *HPE 2000 - Foundations of Physical Education*

3 sem hrs cr

This course examines the history of physical education as a profession and introduces the student to developments and directions in careers related to health, physical education, and recreation. The biological, physiological, and psychological bases of physical education are studied.

*Formerly/Same As* (Formerly PED 2000)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- identify careers in physical education, recreation, and health.
- understand the values of physical education, recreation, and health.
- learn the impact that physical education has on our society.
- understand physical education as an academic discipline.
- explain the relationships among biological, psychological, and sociological foundations of physical education.
- understand the various governing bodies.

**Learning Opportunities**

- Identifying the aim, objectives, and purposes of physical education
- Exploring and analyzing the development of curriculum in physical education
- Identifying the relationship between recreation and leisure
- Comparing and contrasting competitive and leisure sports
- Identifying the pros and cons of physical education, health, and recreation as a profession

*HPE 2010 - Fitness for Life*

2 sem hrs cr

This course challenges the student to increase fitness levels and knowledge in the following areas: 1) nutrition, 2) exercise, 3) stress management, 4) lifetime activities, and 5) self-esteem. The course also provides the ability to both measure and monitor fitness levels. Fitness assessments provide goals for activity development for improving lifestyles and a holistic approach to life. Laboratory experiences provide information for individual exercise prescriptions exercise interests, and personal goals.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the benefits of physical activity to health and wellness.
- use self-management skills to promote lifelong physical activity.
- become physically active while pursuing goals to become physically fit.
- become an independent decision maker who can plan his or her own personal fitness program.
- realize the importance of a balanced workout.
- gain a better understanding of nutrition.



- become an advocate for the importance of being fit.

### **Learning Opportunities**

- Effectively developing a personal activity/fitness program that will be beneficial throughout life
- Identifying fitness goals and identifying the principles to follow in order to reach a higher level of fitness
- Learning the difference between cardio-respiratory endurance, muscular strength and endurance, flexibility, nutrient intake, and body composition
- Finding different activities to enhance overall physical fitness

#### *HPE 2050 - Coaching Basketball*

2 sem hrs cr

This course emphasizes theories and practices of coaching basketball, with attention to team play, rules, and the coaching of individual performance.

*Formerly/Same As* (Formerly PED 2050)

**Transfer (UT) or Non-Transfer Course (UN): UN**

#### *HPE 2060 - Coaching Baseball*

2 sem hrs cr

This course emphasizes theories and practices of coaching baseball with attention to team play, rules, and the coaching of individual performance.

*Formerly/Same As* (Formerly PED 2060)

**Transfer (UT) or Non-Transfer Course (UN): UN**

#### *HPE 2080 - Officiating*

3 sem hrs cr

This course is designed to prepare individuals to meet T.S.S.A.A. requirements for officiating in baseball, basketball, football, volleyball, and soccer.

*Formerly/Same As* (Formerly PED 2080)

**Transfer (UT) or Non-Transfer Course (UN): UN**

#### *HPE 2300 - Personal Health*

3 sem hrs cr

This course is a study of contemporary personal health issues and problems with a major emphasis placed on emotional health, drugs, tobacco, alcohol, and human sexuality.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand how society affects our lifestyles.
- assess individual health and work to improve each area.
- understand the importance of good mental, emotional, and physical health.
- demonstrate an understanding of the importance of good nutrition.
- realize the negative effects of alcohol, tobacco, and drugs.
- understand how relationships can influence health.
- understand the causes and prevention of diseases.

**Course Objectives**

Throughout the course, students will practice...

- gaining a better understanding of a healthy lifestyle.
- accessing their own lifestyle and learn how to modify it.
- health promotion and have the knowledge to be advocates.
- making better nutritional choices.
- becoming more health conscience in their daily choices.
- determining behaviors that are considered risky lifestyle choices.
- developing goals and implementing them.

*HPE 2320 - First Aid and Safety*

3 sem hrs cr

This course focuses on first aid care and accident prevention, with emphasis on artificial respiration and cardiopulmonary resuscitation (CPR).

(Certification in CPR is given. Students are responsible for the CPR certification fee.)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand causes of accidents and their prevention techniques.
- recognize the signs and symptoms of various injuries and illnesses.
- administer first aid care to others as well as themselves.
- follow correct first aid procedures.

- properly administer CPR.
- make appropriate decisions when faced with an emergency.
- understand the laws protecting the first responder.

### **Course Objectives**

Throughout the course, students will practice...

- recognizing the signs of an emergency.
- administering and following correct First Aid procedures when placed in theoretical situations.
- performing First Aid procedures and accident prevention.
- noticing signs and symptoms of various illnesses and injuries.
- performing CPR and using an AED.

*HPE 2340 - Wellness Perspectives and Lifestyles*

3 sem hrs cr

This course provides the student with the knowledge and skills to make informed positive lifestyle choices and understand the impact of lifestyle choices on the individual, family, community, and society. The course focuses on the impact of behavioral choices on physical, mental, emotional, and social wellness on the individual and his culture.

*Formerly/Same As (Formerly HED 2340/PED 2340)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- recognize the seven determinants of wellness and the impact that each has on the individual.
- understand the process involving individual responsibility for maintaining optimal health and quality of life.
- develop an understanding of the relationship between healthy lifestyle and the prevention of hypokinetic diseases and illnesses.
- recognize how society plays a pivotal role in wellness, as well as the ability to process the impact it has on our culture and nation.
- demonstrate the ability to assess their current level of fitness and understand the results in order to make lifestyle behavior modifications, using the most recent evaluation tools, technology, and research.
- realize the impact that politics, economics, geography, and culture have on lifestyle choices.
- understand the relationship between nutrition and how it contributes to a healthy lifestyle and encourage family and community to do the same.

*HPE 2410 - Physical Education for The Elementary Child*

3 sem hrs cr

This course is a study of developmentally appropriate curriculum, teaching strategies and techniques, and psychomotor activities (games, gymnastics, rhythmic activities, physical fitness) for K-6 students.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*HPE 2990 - Independent Study in Health/Physical Education*

1-5 sem hrs cr

The Independent Study in Health and Physical Education is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Healthcare Management**

*HCMT 2315 - Medical Legal Issues*

3 sem hrs cr

An overview of the legal issues arising in the healthcare workplace. Topics include a brief history of the legal system, torts, contracts, confidentiality, laws relating to drug administration, medical records as a legal document, patients' authorization, informed consent, medical practice acts, and areas of potential liability for the healthcare professional.

This course may include proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. Prerequisite: Prerequisite: Exemption from or completion of Learning Support Reading & Writing; and ADMN 1306

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

*Formerly/Same As* (Same as ADMN 1307)

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **General Objectives**

Students will be able to:

- Identify and explain legal terminology related to healthcare organizations.
- Identify various rules and regulations in healthcare and determine their applicability in specific situations.
- Define the roles and responsibilities of each healthcare professional/provider and their role in adhering to legal and ethical responsibilities.
- Identify which healthcare providers and entities are subject to HIPAA and other security regulations.

### **Specific Objectives**

- Define *Beneficence*, *Autonomy*, *Nonmaleficence*, and *Justice* in ethics
- Discuss the importance of patient confidentiality
- Identify key development theories in ethics
- Demonstrate critical thinking in case study - ethical decision making

## **History**

### *HIST 2010 - Early United States History*

3 sem hrs cr

This course covers the history of the United States from the beginning of English settlement in North America through the Revolution, early national period, disruption of the Union, Civil War and Reconstruction periods. This course ends with the events of 1876. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly HIS 2110)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Topics Covered in This Course**

- Age of Exploration
- European Settlement
- The Colonies—Southern, Middle, Northern
- Lead up to American Revolution—French and Indian War
- American Revolution, Causes, Enlightenment Thought

- Declaration of Independence
- Articles of Confederation
- Constitution and the Bill of Rights
- Washington's Presidency—Hamilton's Financial Plan, Jefferson's Agrarian View
- Jacksonian Democracy
- Manifest Destiny
- Northern and Southern Economic Development
- Slavery and Abolitionism
- Civil War
- Reconstruction

*HIST 2020 - Modern United States History*  
3 sem hrs cr

This course traces the political, economic, diplomatic, and social development of the United States from the Reconstruction period to the present. Attention is given to contemporary problems and the place of the United States as a world power. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810  
Recommended HIST 2010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly HIS 2120)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Topics Covered in This Course**

- Gilded Age and Industrialization
- Progressivism
- WWI
- Roaring Twenties and Nativism
- Great Depression and New Deal
- WWII
- Cold War and Truman Doctrine
- Cultural and Social Climate of the 1960s and 1970s
- Nixon Administration and Watergate
- War on Terror and Bush Doctrine

## *HIST 2030 - Tennessee History*

3 sem hrs cr

This course is a study of Tennessee's political, economic, social, and intellectual development from the pre-colonial era to the present. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. *Formerly/Same As* (Formerly HIS 2610)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Student Learning Outcomes**

By the end of the course, the student should be able to...

- describe the Native American experience in Tennessee prior to the arrival of Europeans.
- trace Tennessee's involvement in the Revolutionary War.
- explain life on the frontier.
- outline Tennessee's early attempts at statehood.
- provide an overview of the Lost State of Franklin, its significance, and John Sevier.
- describe the efforts to frame a state constitution.
- explain and describe the first years of Tennessee statehood.
- trace Tennessee's involvement in the War of 1812.
- provide a suitable overview of the life of James K. Polk.
- explain the three geographic divisions in Tennessee.
- outline racial divisions within Tennessee prior to the Civil War.
- trace efforts at reform in Tennessee prior to the Civil War.
- provide an overview of Tennessee's attitude on secession on the eve of the Civil War.
- describe Confederate Tennessee.
- outline life in Tennessee during the Civil War.
- explain Reconstruction in Tennessee.
- describe the difficulties faced by the former slave in post-Civil War Tennessee.
- trace Tennessee's movement away from an agricultural society towards industrialization.
- outline the Jim Crow era and its impact and how it played into politics in the late 19th century.
- outline Tennessee's involvement in World War I.
- describe life in Tennessee in the 1920s and 1930s.
- outline Tennessee's involvement in World War II.
- explain the Civil Rights Era and how it impacted Tennessee
- provide some understanding of recent Tennessee history.

## **Course Objectives**

Throughout the course, students will have the opportunity to...

- practice reading.
- practice writing.
- practice analysis of materials.

### *HIST 2040 - Introduction to Public History*

3 sem hrs cr

This course will provide an overview of public history, defined as the presentation of history to a general public audience. Students will learn the theory, methods, and practice of public history in its various dimensions, including museums, monuments, historic sites, archives, and oral history; they will explore the controversies that emerge in public history settings, and they will engage in public history projects. This course also explores various careers open to individuals with a strong background in history. Prerequisite: Completion of or exemption from ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

### *HIST 2060 - African American History*

3 sem hrs cr

This course examines the history of Africans and their descendants in the United States from the end of the Civil War to the present. The course investigates topics from emancipation to the ongoing struggle for Civil Rights.

Connections between this history and the issues and concerns facing all Americans presently will be explored. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810 (Prior completion of HIST 2020 and ENGL 1020 is encouraged.)

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

### *HIST 2130 - Studies in History*

3 sem hrs cr

This course provides a forum to allow students to explore an area of history in great depth than



is possible in survey courses. Students will develop skills which will enable them to apply critical thinking tools of historical thought.

This course does not meet the six (6) hour history requirement in the general education core.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*HIST 2310 - Early World History*

3 sem hrs cr

This course is a survey of human history that examines the major social, political, intellectual, military, and religious events in world history from prehistory through the Reformation.

Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly HIS 1110, HIST 1110)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Student Learning Outcomes**

Students will...

- be able to explain in their work how humans in the past shaped their own unique historical moments and were in turn shaped by those moments, and how culture, politics, society, and foreign policy changed over the time period.
- distinguish between primary and secondary sources, identify and evaluate evidence, and analyze human behavior in their historical context.
- summarize and appraise different historical interpretations and evidence in order to construct past events.
- identify historical arguments in a variety of sources and explain how they were constructed while evaluating credibility, perspective, and relevance.
- apply historical knowledge and historical thinking in order to connect and understand human motivations and actions in the past and the present.

**Course Objectives**

Students will demonstrate knowledge of the development of distinctive features, events, and institutions in Early World History:

- Ancient Mesopotamian civilization
- Ancient Egyptian civilization
- Ancient India(n) civilization
- Ancient Chinese civilization
- Ancient Hebrew civilization
- Early Civilizations in the Americas
- Islamic Civilization
- Early Civilizations in Africa
- Ancient Greek Civilization
- Ancient Roman Civilization
- Early European Civilizations

*HIST 2320 - Modern World History*  
3 sem hrs cr

This course is a survey of human history that examines the major social, political, intellectual, military, and religious events in world history from the Reformation through the present.  
Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly HIS 1120, HIST 1120)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**  
**Student Learning Outcomes**

Students will...

- be able to explain in their work how humans in the past shaped their own unique historical moments and were in turn shaped by those moments, and how culture, politics, society, and foreign policy changed over the time period.
- distinguish between primary and secondary sources, identify and evaluate evidence, and analyze human behavior in their historical context.
- summarize and appraise different historical interpretations and evidence in order to construct past events.
- identify historical arguments in a variety of sources and explain how they were constructed while evaluating credibility, perspective, and relevance.
- apply historical knowledge and historical thinking in order to connect and understand human motivations and actions in the past and the present.

**Course Objectives**

The student will demonstrate knowledge of the development of distinctive features, events, and institutions in Modern World History:

- Modern Middle Eastern Cultures
- Modern Egyptian civilization
- Modern India
- Modern China
- Modern Israel
- Modern Western Hemisphere
- Modern Muslim World
- Modern African cultures
- Modern Europe

*HIST 2990 - Independent Study in History*

1-5 sem hrs cr

The Independent Study in History is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*HIST 2991 - Special Seminar in History*

1 sem hr cr

Special Seminar in History is an in-depth study of a selected history topic, including relevant cultural, economic, political, and/or social development and issues. This course may be repeated for up to 3 semester credit hours. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

Throughout the course, students will have the opportunity to...

- practice reading.
- practice writing.
- practice analysis of materials.
- practice critical-thinking skills.

*HIST 2992 - Special Seminar in History*

2 sem hrs cr

Special Seminar in History is an in depth study of a selected history topic, including relevant cultural, economic, political, and/or social development and issues. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*HIST 2993 - Special Seminar in History*

3 sem hrs cr

Special Seminar in History is an in depth study of a selected history topic, including relevant cultural, economic, political, and/or social development and issues. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Honors**

*HONS 1001 - Service Learning Honors I*

1 sem hr cr

This course is designed for students who participate in the Honors Program and involves on-campus or off-campus volunteer service in a program approved by the Honors Program Director. Students must commit to complete one hour per week of volunteer service and submit a portfolio at the end of the semester. Prerequisite or Corequisite: Admission to the Honors Program or Approval from the Honors Program Director

This course is intended for Honors Program students to engage in community/service learning and to earn credit toward the Honors requirements. This course will transfer as lower division elective credit. MTSU currently offers two upper division community/service learning courses. *Formerly/Same As Formerly (IDSH 1001)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**  
**STUDENT LEARNING OUTCOMES**

Students who successfully complete HONS 1001-1004 should...

- demonstrate an understanding of the daily responsibilities involved in the career and/or community in which they are interested.
- identify alternative solutions to problems within their service learning area.
- communicate effectively about their service learning experiences through writing.
- understand how the subject matter of this course can be used in everyday life.
- reflect thoughtfully on issues within their community.

*HONS 1002 - Service Learning Honors II*  
1 sem hr cr

This course is designed for students who participate in the Honors Program and involves on-campus or off-campus volunteer service in a program approved by the Honors Program Director. Students must commit to complete one hour per week of volunteer service and submit a portfolio at the end of the semester. Prerequisite: HONS 1001

This course is intended for Honors Program students to engage in community/service learning and to earn credit toward the Honors requirements. This course will transfer as lower division elective credit. MTSU currently offers two upper division community/service learning courses. *Formerly/Same As Formerly (IDSH 1002)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**  
**STUDENT LEARNING OUTCOMES**

Students who successfully complete HONS 1001-1004 should...

- demonstrate an understanding of the daily responsibilities involved in the career and/or community in which they are interested.
- identify alternative solutions to problems within their service learning area.
- communicate effectively about their service learning experiences through writing.
- understand how the subject matter of this course can be used in everyday life.
- reflect thoughtfully on issues within their community.

*HONS 1003 - Service Learning Honors III*  
1 sem hr cr

This course is designed for students who participate in the Honors Program and involves on-campus or off-campus volunteer service in a program approved by the Honors Program Director. Students must commit to complete one hour per week of volunteer service and submit a portfolio at the end of the semester. Prerequisite: HONS 1002

This course is intended for Honors Program students to engage in community/service learning

and to earn credit toward the Honors requirements. This course will transfer as lower division elective credit. MTSU currently offers two upper division community/service learning courses. *Formerly/Same As Formerly* (IDSH 1003)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**STUDENT LEARNING OUTCOMES**

Students who successfully complete HONS 1001-1004 should...

- demonstrate an understanding of the daily responsibilities involved in the career and/or community in which they are interested.
- identify alternative solutions to problems within their service learning area.
- communicate effectively about their service learning experiences through writing.
- understand how the subject matter of this course can be used in everyday life.
- reflect thoughtfully on issues within their community.

*HONS 1004 - Service Learning Honors IV*

1 sem hr cr

This course is designed for students who participate in the Honors Program and involves on-campus or off-campus volunteer service in a program approved by the Honors Program Director. Students must commit to complete one hour per week of volunteer service and submit a portfolio at the end of the semester. Prerequisite: HONS 1003

This course is intended for Honors Program students to engage in community/service learning and to earn credit toward the Honors requirements. This course will transfer as lower division elective credit. MTSU currently offers two upper division community/service learning courses *Formerly/Same As Formerly* (IDSH 1004)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**STUDENT LEARNING OUTCOMES**

Students who successfully complete HONS 1001-1004 should...

- demonstrate an understanding of the daily responsibilities involved in the career and/or community in which they are interested.
- identify alternative solutions to problems within their service learning area.
- communicate effectively about their service learning experiences through writing.
- understand how the subject matter of this course can be used in everyday life.
- reflect thoughtfully on issues within their community.

*HONS 1020 - Honors Seminar in Humanities Studies I*

3 sem hrs cr

This course provides a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The course is cross-curricular and has a changing focus based on the chosen topic.

*Formerly/Same As Formerly (IDSH1020)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

After finishing this course, students should be able to...

- demonstrate an understanding of critical-thinking skills through a particular curricular topic.
- apply critical-thinking skills as a method of improved decision making.
- understand values and ethical issues discussed in the course.
- develop skills in group dynamics in a seminar setting.
- recognize diverse cultural perspectives across disciplines, time, and place.
- compare various contexts to assess critically the ideas, forces, and values that have created the modern world and that will shape the future world.
- express logical and academic understanding of diverse views and interpretations.
- reflect thoughtfully on cultural and academic topics discussed in class.

*HONS 1021 - Honors Seminar in Humanities Studies II*

3 sem hrs cr

This course provides a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The course is cross-curricular and has a changing focus based on the chosen topic.

*Formerly/Same As (Formerly IDSH 1021)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

After finishing this course, students should be able to...

- demonstrate an understanding of critical-thinking skills through a particular curricular topic.
- apply critical-thinking skills as a method of improved decision making.
- understand values and ethical issues discussed in the course.
- develop skills in group dynamics in a seminar setting.
- recognize diverse cultural perspectives across disciplines, time, and place.

- compare various contexts to assess critically the ideas, forces, and values that have created the modern world and that will shape the future world.
- express logical and academic understanding of diverse views and interpretations.
- reflect thoughtfully on cultural and academic topics discussed in class.

*HONS 1022 - Honors Seminar in Humanities Studies III*

3 sem hrs cr

This course provides a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The course is cross-curricular and has a changing focus based on the chosen topic.

*Formerly/Same As (Formerly IDSH 1022)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*HONS 1023 - Honors Seminar in Humanities Studies IV*

3 sem hrs cr

This course provides a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The course is cross-curricular and has a changing focus based on the chosen topic.

*Formerly/Same As (Formerly IDSH 1023)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*HONS 2001 - Leadership in Honors*

1 sem hr cr

This course is designed for students who participate in the Honors Program sophomore mentorship program and involves learning, building, and honing leadership qualities through work as a mentor.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Information Systems**

*INFS 1000 - College Technology*

1 sem hr cr

This course is an elective that is designed to empower students with the technical skills necessary to be successful in their educational pursuits. Students will become proficient in the



learning management system, become familiar with technology provided by the college and technology available to them on the Web for academic success, and understand the risks of using technology.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*INFS 1010 - Computer Applications*

3 sem hrs cr

This course introduces the student to the use, capabilities, and limitations of microcomputer applications. Students study the terminology and concepts involved with the hardware operating system Windows environment, and microcomputer applications software. A fundamental study of the Windows environment and its interaction with hardware and software is covered. The Internet and word processing within the Windows environment are introduced. Keyboarding skills are required for this course.

(A keyboarding tutorial is available in the computer labs for students who wish to refresh or improve their keyboarding skills.)

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly BIT 1150, INFS 1150)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- explain computer hardware and software terminology.
- compose emails and attachments using D2L and the student email system.
- solve problems using word processing, spreadsheet and presentation software.

*INFS 1290 - Current Trends in Business Computing Technologies*

3 sem hrs cr

This course covers various computing tools available to business computer professionals and users. Topics include Internet tools, including Web 2.0 tools, for sharing resources such as documents, videos, etc., social networking, data backups, and security. Ethical and social issues arising from advances in computer technology and the responsibility that computer professionals and users have with regard to computer usage will also be examined. Prerequisite: INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*INFS 2990 - Independent Study in Information Systems*

1-5 sem hrs cr

The Independent Study in Information Systems is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Interdisciplinary Studies**

*IDS 1010 - Critical Thinking*

3 sem hrs cr

This course teaches the tools and methodologies of critical thinking including inductive and deductive reasoning, principles of logic, categorization of values, argumentation, problem solving, etc. It analyzes the process of how individuals think and how certain views are developed. The impact of beliefs on social, civic and economic thinking in contemporary American is also addressed. Critical thinking tools are also applied to a variety of additional topics such as current events and ethical issues. Prerequisite: Documented eligibility for collegiate level English

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- identify common barriers to critical thinking.
- identify learning and behavioral styles in themselves and others.
- critically evaluate statements from the news, advertisements, and the media.
- identify and evaluate the impact of social issues on the individual, the community, and the world.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- participate in activities to enable them to identify common barriers to the critical-thinking process.
- identify and evaluate their own conclusions through introspection and the application of course material.
- learn proper debate techniques.
- understand value systems, behavioral and learning styles, and the impact of environment on their personal belief system.

## **IDS 1020 - Seminar for Humanities Studies I**

3 sem hrs cr

These courses provide a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The courses are cross-curricular and have a changing focus based on the chosen topic.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

*IDS 1021 - Seminar for Humanities Studies II*

3 sem hrs cr

These courses provide a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The courses are cross-curricular and have a changing focus based on the chosen topic.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

*IDS 1022 - Seminar for Humanities Studies III*

3 sem hrs cr

These courses provide a forum for the study and critical analysis of Humanities topics and issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The courses are cross-curricular and have a changing focus based on the chosen topic.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

*IDS 1023 - Seminar for Humanities Studies IV*

3 sem hrs cr

These courses provide a forum for the study and critical analysis of Humanities topics and

issues, utilizing the principles and techniques of critical thinking and creative problem solving. Students will develop skills of criticism, collaboration, and debate within a group setting. The courses are cross-curricular and have a changing focus based on the chosen topic.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*IDS 2010 - Applied Biotechnology*

1 sem hr cr

This course includes career exploration, history, and applications of DNA/RNA technology, molecular biology, bioethics, radiation safety, and laboratory practices. Laboratory exercises, field trips, and demonstrations illustrate the basic techniques of biotechnology, including fundamental concepts like the metric system, equipment safety, chemical nomenclature, states of matter, and solution concentrations. In the lab, students will exercise modern laboratory methods used in the biotechnology industry. Laboratory experiments are designed to familiarize the student with biotechnology techniques, including key concepts from general biology. The course is designed to give hands-on practical experience as well as theoretical knowledge in a variety of laboratory procedures. Prerequisite: BIOL 1110

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*IDS 2100 - Ethics*

1 sem cr hr

This course introduces basic ethical theories and value systems and applies these perspectives to moral issues, problems, and situations. This course presents the moral principles of conduct and the basic principles underlying these principles such as good, evil, right, wrong, justice, value, duty, and obligation.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*IDS 2200 - Human Dynamics: Covey's Seven Habits*

3 sem hrs cr

This course covers the basic principles underlying the habits of highly effective people. Guided learning experiences emphasize those habits that directly affect personal and professional performance capabilities.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*IDS 2300 - Sophomore Seminar*

1 sem cr hr

This course is an elective option for all A.A. and A.S. students to support them in their endeavor to continue their education and transfer to a University. It provides a forum to assist students in completing graduation and transfer requirements and for disseminating information to students concerning the availability and importance of resources and relationships as they move on to a University and into their careers. Prerequisite: Sophomore standing

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will be able to...

- successfully complete graduation requirements including the ETS and any program-specific exit exam(s).
- identify University student services, resources, and relationships needed to be successful as they move to a University and into their careers.
- describe the skills necessary for a smooth transition into a University.
- understand their major choice(s) as they move to a University and develop and implement an academic plan to move into their selected career field.
- increase their knowledge, skills, and confidence due to the above so that they have a greater chance of success in their University experience.

*IDS 2990 - Independent Study in Interdisciplinary Studies*

1-5 sem hrs cr

The Independent Study in Interdisciplinary Studies is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Learning Support**

*ENGL 0810 - Learning Support Writing*

3 sem hrs cr

This course emphasizes the development and use of writing skills within the context of collegiate-level courses and employs computerized, self-paced study plans. Upon completion, students will demonstrate adequate competency in writing expository essays.

Students enrolled in ENGL 0810 must also be enrolled in an ENGL 1010 course during the same semester, which should have the same starting and ending dates as the 0810 course. Any degree-seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 during their first semester.

**Students who do not complete MSCC 1300 successfully in the first semester and still have unsatisfied Learning Support requirements must retake MSCC 1300 while enrolled in Learning Support courses.**

Corequisite: ENGL 1010

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus COMPETENCIES**

Over the course of this semester, students must demonstrate mastery of both the First Competency and the Exit Competency. Students will complete a minimum of two short writing assignments, and these will be graded with the Competency Rubric. Ideally, students will demonstrate mastery of the First Competency in Letter #1 and mastery of the Exit Competency in Letter #2. If mastery is not achieved, additional writing tasks will be assigned.

- **First Competency** — Students will demonstrate limited/developing competence in writing expository essays.
  - **Task/Purpose:** Address the assigned writing task and have a discernible purpose that is sustained throughout most of the text.
  - **Audience Awareness:** Display awareness of the audience and the requirements of the writing situation and maintain that awareness with some consistency.
  - **Organization:** Have a discernible and logical organization. The organization may be simple, with a basic thesis statement, topic sentences, and transitions, but the reader is able to discern an overall logical progression of ideas.
  - **Support:** Provide logical support for the thesis and main ideas but may display some weaknesses in evidence provided.
  - **Language Skills:** Display some variety in sentence structure, vocabulary, and level of formality appropriate to the purpose, audience, and context.
  - **Grammar and Punctuation:** Display basic control of surface features such as basic syntax, grammar, punctuation, word choice, and spelling, particularly those errors that interfere with a reader's understanding. The writing may display some grammar and punctuation errors, but not consistent patterns of serious errors.

- Writing Process: Reflect the use of basic strategies for generating ideas, drafting, revising, editing, and proofreading, although students may still be in the process of developing an individualized and highly effective writing process.
- Exit Competency — Students will demonstrate adequate competence in writing expository essays.
  - Task/Purpose: Fulfill the requirements of the assigned writing task and have a clear purpose that is sustained throughout the text.
  - Audience Awareness: Respond adequately and appropriately to the needs of the audience and the requirements of the writing situation.
  - Organization: Be logically organized in support of the text's purpose with a clear thesis statement and topic sentences, supporting points that are presented in a logical progression, and appropriate transitions.
  - Support: Provide logical and adequate support for the thesis by employing appropriate rhetorical strategies/patterns and, when appropriate, integrating material from primary and/or secondary sources.
  - Language Skills: Display variety in sentence structure, vocabulary, and level of formality appropriate to the purpose, audience, and context.
  - Grammar and Punctuation: Display competent control of surface features such as basic syntax, grammar, punctuation, word choice, and spelling, particularly those errors that interfere with a reader's understanding and/or undermine the writer's authority.
  - Writing Process: Reflect the use of effective strategies for generating ideas, drafting, revising, editing, and proofreading.

*MATH 0101 - Learning Support Math for General Studies*

3 sem hrs cr

This course is a study of the properties of the real number system, arithmetic operations with rational numbers and order of operations; evaluation and simplification of variable expressions; determining solutions of linear equations in one variable; graphing linear equations; evaluating logarithmic expressions; solving logarithmic equations; problem solving; logical thought and reasoning; polynomial arithmetic; operations with integer exponents.

MATH 0101 is the mandatory co-requisite course for those Learning Support Mathematics students enrolled in MATH 1010. A learning support course is required for students whose ACT or ACCUPLACER mathematics scores indicate a need for co-requisite mathematics coursework. Topics include real number operations, manipulation of algebraic expressions, evaluation and simplification of variable expressions, equation solving, and critical thinking. Students must demonstrate mastery of all required competencies in order to earn a passing grade.

Students enrolled in MATH 0101 must also be enrolled in MATH 1010 during the same semester. Any degree seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 First-Year Experience, during his or her first semester.

This course includes proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student.

## **Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- develop analytical-thinking skills needed for problem solving.
- improve algebra skills of those who have had previous algebra experience.
- develop fundamental algebra skills for those who have had no algebra experience.
- develop the algebra skills required to be successful in co-requisite collegiate math.
- reduce students' mathematics anxiety through increased competency.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- apply the order of operations to evaluate expressions.
- perform operations with rational numbers.
- identify and calculate with irrational numbers.
- recognize and apply magnitude and ordering of real numbers.
- solve application problems.
- identify and simplify like terms.
- evaluate algebraic expressions.
- simplify radicals.
- evaluate expressions involving powers and roots.
- use the distributive law to write equivalent expressions.
- add, subtract and multiply polynomials.
- factor a polynomial using GCF.
- simplify exponential expressions.
- create a table of values and a graph for given relations.
- solve equations for variables in terms of other variables.
- utilize formulas in problem solving.
- analyze the graph of a linear function.
- solve problems involving right triangles, volume, and surface area.
- solve logarithmic functions.
- solve exponential equations.

*MATH 0530 - Learning Support for Introductory Statistics*

3 sem hrs cr

This course is a study of the properties of the real number system, arithmetic operations with rational numbers and order of operations; evaluation and simplification of variable expressions; determining solutions of linear equations in one variable; graphing linear equations; solving literal equations; creating graphical representations of data; calculating mean, median and



mode; operations with percentages; problem solving; polynomial arithmetic; operations with integer exponents.

MATH 0530 is the mandatory co-requisite course for those Learning Support Mathematics students enrolled in MATH 1530. A learning support course is required for students whose ACT or ACCUPLACER mathematics scores indicate a need for co-requisite mathematics coursework. Topics include real number operations, manipulation of algebraic expressions, graph analysis, equation solving, and critical thinking. Students must demonstrate mastery of all required competencies in order to earn a passing grade.

Students enrolled in MATH 0530 must also be enrolled in MATH 1530 during the same semester. Any degree seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 First-Year Experience, during his or her first semester.

This course includes proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- develop analytical-thinking skills needed for problem solving.
- improve algebra skills of those who have had previous algebra experience.
- develop fundamental algebra skills for those who have had no algebra experience.
- develop the algebra skills required to be successful in co-requisite collegiate math.
- reduce students' mathematics anxiety through increased competency.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- apply the order of operations to evaluate expressions.
- perform operations with rational numbers.
- recognize and apply magnitude and ordering of real numbers.
- solve application problems.
- identify and simplify like terms.
- evaluate algebraic expressions.
- solve percent equations and equations involving percent increase and decrease.
- evaluate expressions involving powers and roots.
- use the distributive law to write equivalent expressions.
- add, subtract and multiply polynomials.
- simplify exponential expressions.
- create a table of values and a graph for given relations.
- identify and interpret rate of change.
- use and interpret function notation particularly as it relates to graphic and tabular data.

- analyze the graph of a linear function.
- graph a linear equation in two variables.
- graph non-linear equations.
- generate a linear equation.
- construct and interpret different forms of graphs.
- solve linear equations and equations utilizing formulas.

*MATH 0630 - Learning Support for Finite Mathematics*

3 sem hrs cr

This course is a study of the properties of the real number system, arithmetic operations with rational numbers and order of operations; evaluation and simplification of variable expressions; determining solutions of linear equations and inequalities in one variable; graphing linear equations and inequalities; solving systems of linear equations and inequalities; utilizing matrices; exponential rules and applications; problem solving; polynomial arithmetic; polynomial factorization.

MATH 0630 is the mandatory co-requisite course for those Learning Support Mathematics students enrolled in MATH 1630. A learning support course is required for students whose ACT or ACCUPLACER mathematics scores indicate a need for co-requisite mathematics coursework. Topics include real number operations, manipulation of algebraic expressions, graph analysis, equation solving, and critical thinking. Students must demonstrate mastery of all required competencies in order to earn a passing grade.

Students enrolled in MATH 0630 must also be enrolled in MATH 1630 during the same semester. Any degree seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 First-Year Experience, during his or her first semester.

This course includes proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- develop analytical-thinking skills needed for problem solving.
- improve algebra skills of those who have had previous algebra experience.
- develop fundamental algebra skills for those who have had no algebra experience.
- develop the algebra skills required to be successful in co-requisite collegiate math.
- reduce students' mathematics anxiety through increased competency.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- apply the order of operations to evaluate expressions.

- perform operations with rational numbers.
- solve systems of equations graphically.
- recognize and apply magnitude and ordering of real numbers.
- solve application problems.
- identify and simplify like terms.
- evaluate algebraic expressions.
- solve systems via the elimination and substitution methods.
- evaluate expressions involving powers and roots.
- use the distributive law to write equivalent expressions.
- add, subtract and multiply polynomials.
- factor a polynomial using GCF.
- simplify exponential expressions.
- solve cost revenue functions.
- identify and interpret rate of change.
- use and interpret function notation particularly as it relates to graphic and tabular data.
- analyze the graph of a linear function.
- graph a linear equation in two variables.
- generate a linear equation in two variables.
- solve linear equations, inequalities, formulas and proportions.

*MATH 0810 - Learning Support Math for Intermediate Algebra*

3 sem hrs cr

This course is a study of the properties of the real number system, arithmetic operations with rational numbers and order of operations; evaluation and simplification of variable expressions; solutions of linear equations and inequalities in one variable; graphing linear equations and inequalities; solving systems of linear equations and inequalities; problem solving; polynomial arithmetic; operations with integer exponents; GCF factoring. Prerequisite or Corequisite: Students enrolled in MATH 0810 must also be enrolled in MATH 1003 during the same semester

MATH 0810 is the mandatory co-requisite course for those Learning Support Mathematics students enrolled in MATH 1003. A learning support course is required for students whose ACT or ACCUPLACER mathematics scores indicate a need for co-requisite mathematics coursework. Topics include the real number system: arithmetic operations; equations and inequalities; graphing; problem solving; polynomial arithmetic; exponents; factoring.

Students must demonstrate mastery of all required competencies in order to earn a passing grade. Any degree seeking student enrolled in a Learning Support course must also enroll in MSCC 1300 First-Year Experience, during his or her first semester.

This course includes proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student.

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Student Learning Outcomes**

By the end of the course, students will be able to...

- develop analytical-thinking skills needed for problem solving.
- improve algebra skills of those who have had previous algebra experience.
- develop fundamental algebra skills for those who have had no algebra experience.
- develop the algebra skills required to be successful in co-requisite collegiate math.
- reduce students' mathematics anxiety through increased competency.

### **Course Objectives**

Throughout the course, students will have the opportunity to...

- apply the order of operations to evaluate expressions.
- perform operations with rational numbers.
- identify and calculate with irrational numbers.
- recognize and apply magnitude and ordering of real numbers.
- solve application problems.
- identify and simplify like terms.
- evaluate algebraic expressions.
- create a table of values corresponding to an equation.
- evaluate expressions involving powers and roots.
- use the distributive law to write equivalent expressions.
- add, subtract and multiply polynomials.
- factor a polynomial using GCF.
- simplify exponential expressions.
- create a table of values and a graph for given relations.
- identify and interpret rate of change.
- use and interpret function notation particularly as it relates to graphic and tabular data.
- analyze the graph of a linear function.
- graph a linear equation in two variables.
- generate a linear equation in two variables.
- graph linear inequalities in two variables.
- solve linear equations, inequalities, formulas, proportions, and systems of equations.

### *READ 0810 - Learning Support Reading*

3 sem hrs cr

This course emphasizes the development and use of reading skills necessary for successful completion of collegiate-level courses. Students will improve their critical-thinking and reading-comprehension abilities via small-group work, individualized instruction, and computerized study plans. Students enrolled in READ 0810 must also enroll in MSCC 1300 as a co-requisite for this course. Corequisite: MSCC 1300

Students enrolled in READ 0810 must also be enrolled in an MSCC 1300 course during the same semester, which should have the same starting and ending dates as the 0810 course.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

## **Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Objectives**

*Diagnostics and Competency Mastery:* Students will complete a diagnostic pre-test during the first week of class to provide a secondary assessment of basic skills. Based on the pre-test results, students will be assigned an individualized study plan.

*First Competency Mastery Point:* Students will demonstrate mastery of the following skills and strategies when reading and studying uncomplicated early high-school-level passages (readability of 9–10th grade). Module I, Vocabulary, and Module II, Comprehension, address the first competency point.

- *Main Ideas*
  - Identify clear main ideas or purpose of text
- *Supporting Details*
  - Locate basic facts that are clearly stated
  - Summarize basic ideas and events
- *Organization/Relationships*
  - Determine when events occurred
  - Identify clear cause-effect relationships
  - Identify similarities and differences between people, ideas, and events
- *Vocabulary Development*
  - Use context to understand words and phrases, including basic figurative language
- *Critical Reading/Logic*
  - Draw simple generalizations and conclusions about people, ideas, and so on
  - Distinguish between fact from opinion
  - Demonstrate the ability to comprehend, apply, synthesize, and evaluate information, as well as ideas from text
- *Strategic Reading*
  - Demonstrate the use of cognitive reading process elements to aid comprehension and memory, such as activating, integrating, and building background knowledge
  - Use visual and other sensory images
  - Develop emotional connections to text
  - Demonstrate appropriate adjustment of reading method and rate according to the difficulty of text and purpose for reading
  - Create effective study guides (maps, outlines, summaries, etc.) that incorporate understanding texts' main ideas, supporting details, and organizational patterns

- Use information from visual aids such as maps, charts, graphs, time lines, tables, and diagrams in understanding text
- Employ a study method that includes steps such as previewing, marking or annotation, questioning, and reviewing material
- Use textbook features such as table of content, preface, introduction, title, subtitle, index, glossary, appendix, and bibliography to acquire information effectively

## **Logistics**

### *LGM 130 - Introduction to Logistics and Supply Chain Management*

3 sem hrs cr

This course examines the expanding field of efficient computer supported warehouses and logistics from an operations management standpoint. Topics include supply chain management, order processing, traffic management, electronic data interchange, handling and tracking shipments, scheduling of work, diagramming work and product flow, safety programs, and security issues.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### *LGM 140 - Transportation*

3 sem hrs cr

This course helps introduce the terms, concepts, and issues in the area of transportation and supply chain management. Areas of study include global modes of transportation, air, rail, motor truck, ship, and water and pipelines, understanding the needs of import and export including incoterms to move goods across borders.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### *LGM 180 - Sourcing and Procurement*

3 sem hrs cr

This course examines the expanding field of Sourcing & Procurement, its tie to Supply Chain Management and bottom line impact to the business. Topics include purchasing operations, process and procedures, supplier evaluation, supplier quality, global sourcing, e-commerce, contracts and their legal implications, negotiation, and ethics.

**Transfer (UT) or Non-Transfer Course (UN): UN**

## Mathematics

### *MATH 1003 - Intermediate Algebra*

3 sem hrs cr

This course is required for students whose ACT or Accuplacer scores indicate the need for learning support in mathematics and who plan to take MATH 1710 or MATH 1720. Topics include factoring, rational expressions, radicals, and functions and their graphs. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline. Corequisite: If a student is not eligible for collegiate mathematics, he/she must enroll in MATH 0810 Learning Support Math for Intermediate Algebra as a co-requisite with the MATH 1003 course

THIS COURSE DOES NOT MEET THE REQUIREMENTS FOR A COLLEGIATE-LEVEL GENERAL EDUCATION MATH COURSE.

This course includes proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- develop analytical-thinking skills needed for problem solving.
- improve algebra skills of those who have had previous algebra experience.
- develop fundamental algebra skills for those who have had no algebra experience.
- develop the algebra skills required to be successful in co-requisite collegiate math.
- reduce their mathematics anxiety through increased competency.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- show increased skill in solving linear equations.
- show increased skill in solving linear inequalities with one variable and expressing solution sets in interval notation.
- show increased skills in polynomial operations.
- use a variety of techniques for factoring polynomials, including:
  - greatest common factor;
  - difference of squares;
  - grouping; and
  - general trinomials.
- solve quadratic equations by factoring.
- solve quadratic application problems.

- simplify, multiply, and divide rational expression.
- add and subtract rational functions.
- simplify complex rational expressions.
- solve rational equations.
- use rational equations in applications and proportions.
- graph lines using point-plotting.
- determine the slope of a line through two given points.
- use slope and y-intercept to graph a line.
- write the equation of a line using:
  - slope and point;
  - two points;
  - slope and y-intercept; and
  - a point and a parallel or perpendicular line.
- simplify radical expressions.
- add and subtract radical terms.
- simplify products and quotients of radical terms.
- solve radical equations.
- simplify expressions with rational exponents.
- simplify and multiply square roots of negative numbers.
- solve quadratic and quadratic-in-form by:
  - factoring;
  - extracting roots;
  - completing the square; and
  - using the quadratic formula.
- solve applications involving quadratic equations.
- solve quadratic inequalities with one variable, graph the equation on a number line, and express solution sets in interval notation.
- graph parabolas.

*MATH 1010 - Math for General Studies*

3 sem hrs cr

This course is a study of problem solving techniques using sets and logic, algebraic reasoning, geometry, probability and statistics, and trigonometry. Additional topics from the history of mathematics and consumer finances are included. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

Corequisite: If a student is not eligible for collegiate level mathematics, he/she must enroll in MATH 0101 Learning Support Math for General Studies as a co-requisite with the MATH 1010 course



A minimum grade of "C" is required in this course to meet the requirement of the AST degree.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- solve problems and determine if the solutions are reasonable.
- model real-world behaviors and apply mathematical concepts to the solution of real-life problems.
- make meaningful connections between mathematics and other disciplines.
- use technology for mathematical reasoning and problem solving.
- apply mathematical and/or basic statistical reasoning to analyze data and graphs.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- apply laws of deductive logic to determine validity of arguments.
- use symbolic logic with statements and truth tables.
- compare and contrast the Hindu-Arabic number system with ancient systems and numeration.
- convert decimal numerals to other bases and numerals in other bases to decimal numerals.
- identify subsets of the real number system, distinguish field properties for the various subsets, and do operations for numbers in the subsets.
- use prime factorization to find least common multiple and greatest common factor of natural numbers.
- identify characteristics of polygons.
- use the Pythagorean Theorem and basic trigonometry ratios to solve right triangles.
- compute perimeters, areas, and volumes for two- and three-dimensional figures.
- compare, contrast, and convert English and metric measurements of length, weight, capacity, and temperature.
- apply exponential and logarithmic equations in real-world problems.
- utilize formulas to calculate simple and compound interest and expected values of annuities.
- utilize formulas to calculate monthly payment amounts and total interest.
- identify sequences as arithmetic, geometric, or Fibonacci and find next terms.
- determine unions, intersections, and complements of sets.

- use Venn diagrams to solve problems, including survey problems.
- calculate probability and odds of particular events.
- use permutations, combinations, and the fundamental counting principle to solve application problems.
- use bar, line, and circular graphs to depict and interpret data.
- prepare frequency distributions to organize data.
- calculate mean, median, and mode for a set of data.
- calculate range, standard deviation, and variance for a set of data.
- use the normal distribution to solve application problems.

*MATH 1410 - Number Concepts for Teachers*

3 sem hrs cr

This course is a conceptual approach to the study of the properties of number sets within the real number system. Topics include tools for problem solving, sets, functions, logic, numeration systems, properties of and operations with whole numbers, integers, rational numbers, and real numbers. Prerequisite: Documented eligibility for collegiate mathematics; one high school credit each in algebra I, algebra II, and geometry

A minimum grade of "C" is required in this course to meet the requirement of the AST degree.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MAT 1230)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- give the student who is choosing to become a teacher in the elementary grades a comprehensive review of the basic laws and relationships of fundamental elementary school mathematics.
- promote the development of teaching strategies appropriate to grade level and required mathematical development.
- promote an understanding and appreciation for the National Council of Teachers of Mathematics "Curriculum and Evaluations Standards for School Mathematics" for grades K-4 and grades 5-8.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- explain, illustrate, and use Polya's 4-step problem-solving process: understand the problem, devise a plan, carry out the plan, look back.

- explain, illustrate, and apply the following strategies: make a drawing, guess and check, make a table, use a model, work backward, use a variable, make an organized list, and eliminate possibilities.
- apply concepts of patterns to problem solving: Fibonacci numbers, Pascal's triangle, arithmetic sequence, geometric sequence, triangular numbers, and finite differences.
- use algorithms for solving equations and inequalities in problem solving.
- use concepts of set theory in problem solving: disjoint sets, subsets, equal sets, one-to-one correspondence, finite sets, infinite sets, intersection of sets, union of sets, complement of a set, and Venn diagrams.
- use concepts of functions and graphs in problem solving.
- apply concepts of deductive reasoning to problem solving.
- represent numeric values using symbolisms of a variety of numeration systems: Egyptian, Roman, Mayan, and Hindu-Arabic.
- illustrate and apply models for numeration and place value in bases two through twelve.
- apply models for addition and subtraction algorithms.
- apply techniques for mental calculations: compatible numbers, substitutions, equal differences, and add-up method.
- apply techniques for estimation of sums and differences: rounding, compatible numbers, and front-end estimation.
- apply models for multiplication algorithms.
- apply techniques of mental multiplication: compatible numbers, substitutions, and equal products.
- apply techniques for estimation of products: rounding, compatible numbers, and front-end estimation.
- apply models for division algorithms.
- apply the technique of equal quotients for mental division.
- apply techniques for estimation of quotients: rounding, compatible numbers, and front-end estimation.
- apply concepts of exponents.
- apply concepts of number theory to problem solving: factors, multiples, divisibility, prime and composite numbers.
- apply concepts of greatest common divisor (factor) and least common multiple in problem solving.
- apply models for operations with integers.
- apply models for concepts of fractions: part-to-whole, division, and ratio.
- apply concepts of fraction relationships: equality, common denominators, inequality, density, mixed numbers, and improper fractions.
- apply algorithms for operations with fractions: addition, subtraction, multiplication, and division.
- apply concepts for mental calculations with fractions: compatible numbers, substitutions, equal differences, add-up, and equal quotients.
- apply concepts for estimation with fractions: rounding and compatible numbers.
- use concepts of fractions in problem solving.
- apply models for decimal concepts: decimal squares and number line.
- apply concepts of decimal relationships: equality and inequality.

- apply concepts of rational numbers: decimal form, density, and estimation.
- apply algorithms for operations with decimals: addition, subtraction, multiplication, and division.
- convert repeating decimals to rational numbers.
- apply concepts for mental computation with decimals: substitutions and add-up, equal quotients, and compatible numbers.
- apply concepts for estimation with decimals: rounding, front-end estimation, and compatible numbers.
- use concepts of ratio, percent, and scientific notation in problem solving.

*MATH 1420 - Geometry Concepts for Teachers*

3 sem hrs cr

Topics include measurement, congruence, similarity, and graphing; constructions, theorems, and proofs in both non-coordinate and Cartesian settings; historical development of geometry as a tool. Activities include creating models and manipulatives. Prerequisite: Documented eligibility for collegiate mathematics; one high school credit each in algebra I, algebra II, and geometry

A minimum grade of "C" is required in this course to meet the requirement of the AST degree.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly MAT 1240)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- prepare prospective elementary school teachers in the areas of non-coordinate and coordinate geometry with basic skills and understanding needed to teach these topics.
- acquaint future teachers with models and manipulatives commensurate with presentation of geometric ideas such as measurement, congruence, similarity, and graphing.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- recall and state the undefined terms of geometry.
- relate the historical foundation of geometry.

- use correct terminology and notation associated with lines, rays, and line segments.
- recognize angles, including vertices, classifications, angle pairs, and angle measurement.
- recognize and reproduce parallel and perpendicular lines and the angles associated with them.
- apply the four steps of problem solving in geometric situations.
- recognize the parts of a circle.
- name polygons and differentiate between concave and convex polygons.
- use formulas to find polygonal figures.
- define and reproduce regular and semi-regular tilings.
- analyze properties of 3-dimensional figures.
- apply Euler's formula to edges, vertices, or faces of polyhedral.
- analyze figures to determine symmetry.
- use the American Standard and the International System units of measure in problem-solving situations.
- use the Pythagorean Theorem.
- find area and perimeter of 2-dimensional figures.
- use Pick's Theorem to find area on the geoboard.
- calculate volume and surface area of 3-dimensional figures.
- define congruence mapping of polygons.
- determine congruent pairs of triangles based on the 5 congruency postulates.
- perform basic constructions using a straight-edge, compass, and/or Mira.
- identify the centroid, incenter, circumcenter, and orthocenter of a triangle and relate properties for each.
- perform translations, reflections, and rotations of polygons.
- explore tilings of non-polygonal shapes.
- perform similarity mappings.
- find missing sides of similar triangles.
- calculate measures of central tendency to include mean, median, and mode.
- recognize a normal distribution and identify skewness.
- calculate standard deviation and weighted average.
- calculate experimental probability.
- use counting techniques to find the number of elements in a set.
- use permutation and combination processes for counting.
- find theoretical probabilities.

*MATH 1530 - Introductory Statistics*

3 sem hrs cr

This course is an introduction to probability and statistics which provides an overview to descriptive and inferential statistics. Topics covered include descriptive statistics, elementary probability, distributions, confidence intervals, hypothesis testing, and linear regression.

Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline. Corequisite: If a student is not eligible for collegiate-

level mathematics, they must enroll in MATH 0530 Learning Support for Introductory Statistics as a co-requisite with the MATH 1530 course.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- collect and assemble quantitative data, making wide use of tables and graphs.
- develop a working knowledge of probability and its applications to the binomial and normal distributions.
- utilize hypothesis testing as it is related to the mean and proportion for future use in any research.
- describe and test the significance of relationships between two variables using correlation and linear regression.
- apply inferential methods to differentiate configurations of data.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- construct and graph a frequency distribution as a histogram, and a frequency polygon.
- calculate measures of central tendency.
- calculate measures of variation.
- utilize the concepts of union and intersection when working with problems involving sample spaces, events, and probability experiments.
- determine the probability of an event.
- apply properties of probabilities.
- use counting techniques with probability.
- apply properties of conditional probability and independent events.
- utilize the properties of a binomial distribution.
- calculate a z-score.
- utilize a z-score when finding probabilities for continuous variables.
- find the z-score for a given probability.
- utilize a normal curve to approximate a binomial distribution.
- utilize the central limit theorem to find probabilities associated with sample means.
- test hypotheses about population parameters.
- utilize the t-test when a standard normal z-test is unsuitable.
- construct and utilize confidence intervals.
- calculate appropriate sample sizes for tests of proportions and means.

- determine linear correlation for bivariate data.
- develop a linear regression equation.

### *MATH 1630 - Finite Mathematics*

3 sem hrs cr

This course is a study of linear models, matrix algebra, linear programming, mathematics of finance, and combinatorics with applications in each of these areas. Other topics include factoring, rational expressions, radicals, and functions with their graphs. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline. Corequisite: If a student is not eligible for collegiate level mathematics, he/she must enroll in MATH 0630 Learning Support for Finite Mathematics as a co-requisite with the MATH 1630 course

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly MAT 1310/MATH 1610)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- increase algebra skills necessary to a variety of career choices.
- develop mathematical processes applicable to business, economics, and related fields.
- develop definitions and processes of the mathematics of matrices.
- develop linear programming techniques and their uses in applications.
- develop the concepts of the mathematics of finance.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- write an equation to describe data relationships.
- determine cost, revenue, and profit functions.
- work with supply and demand equations.
- determine a break-even point.
- determine market equilibrium quantity and equilibrium price.
- set up systems of two linear equations with two unknowns for applications.
- use the Gauss-Jordan elimination method to solve systems of linear equations.
- apply the following properties and operations for matrices: size, equality, addition, subtraction, scalar multiplication, transpose.
- multiply matrices.

- determine the additive and multiplicative inverses of a matrix.
- use the multiplicative inverse of a matrix to solve a system of linear equations.
- determine, graphically, the solution to a system of linear inequalities with two unknowns
- find an optimum value for a given objective function with a set of constraints.
- use the simplex method to solve standard maximization problems.
- use the simplex method to solve standard minimization problems.
- determine future value, present value, and effective rate for compound interest problems.
- determine future value and present value for ordinary annuity problems.
- determine payments to a sinking fund.
- determine the periodic payment for amortization of a loan.
- apply the principles of union, intersection, and complement of sets.
- use Venn diagrams for union, intersection, complementation, and sorting.
- use the concepts of union and intersection in probability experiments, sample spaces, and events.
- find the probability of an event.
- apply properties of probability.

### *MATH 1710 - Precalculus Algebra*

3 sem hrs cr

This course includes a study of functions and their graphs, with emphasis on linear, quadratic, polynomial, rational, exponential, and logarithmic functions; equations, inequalities, and systems; matrices; conic sections; sequences and series; and probability. Prerequisite: Exemption from or completion of MATH 1003 or an ACT Math sub-score of 19 or higher and one high school credit in each algebra I, algebra II, and geometry; exemption from or completion of ENGL 0810 and READ 0810

Students may not receive credit for both MATH 1710 and MATH 1730.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly MATH 1130)

**Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- satisfy mathematics requirements for the various options under the University Parallel and Business Technology majors.



- provide fundamental preparation for calculus and other advanced mathematics courses.
- reinforce and strengthen algebraic skills gained in high school or MATH 1003.

## Course Objectives

Throughout the course, students will have the opportunity to...

- review solving linear equations.
- review solving quadratic equations.
- review solving rational equations.
- use the distance formula, the midpoint formula, and the Pythagorean Theorem.
- find the center and radius of circle from equation and find circle equations from center and radius.
- identify a function, specify its domain and range, and use function notation.
- determine intervals over which a function is increasing, decreasing, and constant.
- identify equations of lines, graph lines, and find slopes of lines.
- write equation of lines.
- determine intervals over which a function is continuous.
- graph basic functions and piecewise functions.
- perform function operations and function compositions.
- identify equations of quadratic functions, put equations into standard form, and recognize vertex and other characteristics of graphs from standard form.
- use synthetic division and Remainder Theorem to find the remainder when a polynomial is divided by a binomial of the form  $(x-k)$ .
- use the Rational Zeros Theorem, Number of Zeros Theorem, and Conjugate Zeros Theorem to find the zeros of polynomial functions.
- use end behaviors,  $x$ -intercepts,  $y$ -intercept, and test points to sketch graphs of polynomial functions.
- find vertical, horizontal, and slant asymptotes for rational functions and use asymptotes, intercepts, and test points to sketch graphs of rational functions.
- identify one-to-one functions.
- find inverses of one-to-one functions.
- graph exponential functions.
- solve exponential equations using properties of exponents.
- graph logarithmic functions.
- apply properties of logarithms.
- apply Change of Base Theorem to evaluate logarithms.
- solve logarithmic equations.
- solve problems resulting in exponential and logarithmic equations.
- solve linear systems of equations using graphing, substitution, and elimination.
- solve linear systems using Gauss-Jordan method.
- solve non-linear systems of equations using graphing, substitution, and elimination.
- solve systems of linear inequalities by graphing.
- put equation of a vertical or horizontal parabola into standard form; graph; and identify vertex, axis, focus, and directrix.

- write equations of parabolas.
- put equation of a vertical or horizontal ellipse into standard form; graph; and identify center, vertices, endpoints of minor axis, and foci.
- write equations of ellipses.
- put equation of a vertical or horizontal hyperbola into standard form; graph; and identify center, vertices, foci, and equations of asymptotes.
- write equations of hyperbolas.
- distinguish equations of circles, parabolas, ellipses, and hyperbolas from a collective listing.
- determine the terms of a sequence.
- evaluate the summation notation.
- identify an arithmetic sequence and determine common difference, specific terms, general term, and sums of associated arithmetic series.
- identify a geometric sequence and determine common ratio, specific terms, general term, and sums of associated geometric series.
- compute sums of infinite convergent geometric series.
- perform binomial expansions.
- evaluate factorials, permutations, and combinations.
- apply Fundamental Principle of Counting and permutations and combinations to solve problems.
- apply basic concepts of probability.

*MATH 1720 - Precalculus Trigonometry*

3 sem hrs cr

This course is a study of trigonometric functions and their application to right and oblique triangles, linear and angular velocities, vectors, graphical representation of trigonometric functions, identities and conditional equations, composite angle formulas, and other selected topics. Prerequisite: Exemption from or completion of MATH 1003 or an ACT Math sub-score of 19 or higher and one high school credit in each algebra I, algebra II, and geometry; exemption from or completion of ENGL 0810 and READ 0810

Students may not receive credit for both MATH 1720 and MATH 1730.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly MATH 1620)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- perform computations and do graphing involving the six trigonometric functions for angles given in radians and degrees.
- solve right and oblique triangles.
- verify identities and solve equations through applications of the fundamental identity relationships.
- apply trigonometric forms to operations on complex numbers.
- graph the six trigonometric functions and certain variations.

### **Course Objectives**

Throughout the course, students will have the opportunity to...

- define the six trigonometric functions in terms of  $x$ ,  $y$ , and  $r$  using the distance formula, the rectangular coordinate system, and the Pythagorean Theorem.
- compute trig function values for  $30^\circ$ ,  $45^\circ$ ,  $60^\circ$ ,  $0^\circ$ ,  $90^\circ$ ,  $180^\circ$ , and  $270^\circ$ .
- use a calculator to find angles for trig functions and functions for angles.
- reduce trigonometric functions of positive or negative angles to functions of the acute-related angle.
- solve right triangles using trigonometric functions.
- solve applications problems involving angles of elevation and depression, bearing, and vectors.
- solve oblique triangles using Law of Sines and Law of Cosines.
- find areas of triangles.
- convert angles measures from radians to degrees and degrees to radians.
- solve applications problems involving arc length and linear and angular velocities.
- verify trig identities using the basic Pythagorean, quotient, and reciprocal trig relationships.
- evaluate the trig function values for the sum and difference of two angles and for double angles and half angles.
- solve conditional trigonometric equations.
- graph the six basic trigonometric functions.

### *MATH 1730 - Precalculus*

5 sem cr hrs

This course includes a study of functions and their graphs with emphasis on linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions; equations, inequalities, and systems; matrices; conic sections; sequences and series; probability, trigonometric applications of right and oblique triangles, linear and angular velocities, vectors, graphical representation of trigonometric functions, inverse trigonometric functions, identities and conditional equations, composite angle formulas, and other selected topics. Prerequisite: Exemption from or completion of MATH 1003 or ACT Math sub-score of 21 and one high school credit in each algebra I, algebra II, and geometry; exemption from or completion of ENGL 0810 and READ 0810

Students may not receive credit for both MATH 1710 and MATH 1730 nor may they receive credit for both MATH 1720 and MATH 1730.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- satisfy mathematics requirements for the various options under the University Parallel and Business Technology majors.
- be prepared for calculus and other advanced mathematics courses.
- solve multiple higher-order algebraic equations.
- utilize graphical representations of functions in consequential manners.
- perform computations and interpret graphs involving the six trigonometric functions for angles given in radians and degrees.
- solve right and oblique triangles.
- verify identities and solve equations through applications of the fundamental identity relationships.
- apply trigonometric forms to operations on complex numbers.
- graph the six trigonometric functions and certain variations.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- review solving linear equations.
- review solving quadratic equations.
- review solving rational equations.
- use the distance formula, the midpoint formula, and the Pythagorean Theorem.
- find the center and radius of circle from given equations and find circle equations from center and radius.
- identify a function, specify its domain and range, and use function notation.
- determine intervals over which a function is increasing, decreasing, and constant.
- identify equations of lines, graph lines, and find slopes of lines.
- write equation of lines.
- determine intervals over which a function is continuous.

- graph basic functions and piecewise functions.
- perform function operations and function compositions.
- identify equations of quadratic functions, put equations into standard form, and recognize vertex and other characteristics of graphs from standard form.
- use synthetic division and the Remainder Theorem to find the remainder when a polynomial is divided by a binomial of the form  $(x-k)$ .
- use the Rational Zeros Theorem, Number of Zeros Theorem, and Conjugate Zeros Theorem to find the zeros of polynomial functions.
- use end behaviors,  $x$ -intercepts,  $y$ -intercepts, and test points to sketch graphs of polynomial functions.
- find vertical, horizontal, and slant asymptotes for rational functions and use asymptotes, intercepts, and test points to sketch graphs of rational functions.
- identify one-to-one functions.
- find inverses of one-to-one functions.
- graph exponential functions.
- solve exponential equations using properties of exponents.
- graph logarithmic functions.
- apply properties of logarithms.
- apply Change of Base Theorem to evaluate logarithms.
- solve logarithmic equations.
- solve problems resulting in exponential and logarithmic equations.
- solve linear systems of equations using graphing, substitution, and elimination.
- solve linear systems using Gauss-Jordan method.
- solve non-linear systems of equations using graphing, substitution, and elimination.
- solve systems of linear inequalities by graphing.
- write the equation of a vertical or horizontal parabola in standard form; graph; and identify vertex, axis, focus, and directrix.
- write equations of parabolas.
- write the equation of a vertical or horizontal ellipse in standard form; graph; and identify center, vertices, endpoints of minor axis, and foci.
- write equations of ellipses.
- write the equation of a vertical or horizontal hyperbola in standard form; graph; and identify center, vertices, foci and equations of asymptotes.
- write equations of hyperbolas.
- distinguish equations of circles, parabolas, ellipses, and hyperbolas from a collective listing.
- determine the terms of a sequence.
- evaluate the summation notation.
- identify an arithmetic sequence and determine common difference, specific terms, general term, and sums of associated arithmetic series.
- identify a geometric sequence and determine common ratio, specific terms, general term, and sums of associated geometric series.
- compute sums of infinite convergent geometric series.
- perform binomial expansions.
- evaluate factorials, permutations, and combinations.

- apply Fundamental Principle of Counting and permutations and combinations to solve problems.
- apply basic concepts of probability.
- define the six trigonometric functions in terms of  $x$ ,  $y$ , and  $r$  using the distance formula, the rectangular coordinate system, and the Pythagorean Theorem.
- compute trig function values for  $30^\circ$ ,  $45^\circ$ ,  $60^\circ$ ,  $0^\circ$ ,  $90^\circ$ ,  $180^\circ$ , and  $270^\circ$ .
- use a calculator to find angles for trig functions and functions for angles;
- reduce trigonometric functions of positive or negative angles to functions of the acute related angle.
- solve right triangles using trigonometric functions.
- solve application problems involving angles of elevation and depression, bearing, and vectors.
- solve oblique triangles using Law of Sines and Law of Cosines.
- find areas of triangles.
- convert angles measures from radians to degrees and degrees to radians.
- solve applications problems involving arc length and linear and angular velocities.
- verify trig identities using the basic Pythagorean, quotient, and reciprocal trig relationships.
- evaluate the trig function values for the sum and difference of two angles and for double angles and half angles.
- solve conditional trigonometric equations.
- graph the six basic trigonometric functions.
- graph variations of the six trig functions including changes in amplitude, wavelength, phase shifts and vertical shifts.
- graph and perform operations with the inverse trigonometric functions.
- convert parametric equations to rectangular form and sketch using a graphing calculator.
- convert polar coordinates to rectangular coordinates and rectangular coordinates to polar coordinates and graph polar equations.
- compute polar forms for complex numbers and multiply, divide, and raise to powers complex numbers in polar form.

### *MATH 1830 - Applied Calculus*

3 sem hrs cr

This course is an intuitive approach to the concepts of limits and the differential and integral calculus with applications to business, economics, and related fields. Prerequisite: A minimum ACT Mathematics Subject Score of 25 or MATH 1630 or MATH 1710 or MATH 1730, and exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly MAT 1330)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

By the end of the course, students will be able to...

- understand the fundamentals of calculus.
- demonstrate the concepts of differential calculus and develop applications to business, economics, and related fields.
- demonstrate integral calculus and develop applications to business, economics, and related fields.

**Course Objectives**

Throughout the course, students will have the opportunity to...

- graph functions and evaluate them.
- evaluate limits.
- determine if a function is continuous.
- find asymptotes, both vertical and horizontal.
- find the slope of the tangent line at any point on a curve.
- write the equations of the tangent line at a particular point on a curve.
- calculate derivatives of power functions.
- calculate derivatives using power and quotient rules.
- calculate derivatives using chain rule.
- calculate higher-order derivatives.
- do problems concerning marginal rates.
- calculate derivatives using implicit differentiation.
- calculate the differential of  $y$ .
- determine where a function is increasing or decreasing.
- determine concavity and inflection points.
- find absolute extrema.
- sketch curves.
- do applications with maxima and minima.
- examine exponential and logarithmic functions and do applications with each.
- find derivatives of exponential and logarithmic functions.
- do applications of exponential and logarithmic functions.
- integrate using the power rule of substitution techniques.
- use integration to compute area between a curve and the  $x$ -axis or between two curves.
- evaluating definite integrals.
- solve differential equations.

*MATH 1910 - Calculus I*

4 sem hrs cr

This course is a study of limits and continuity of functions; derivatives of algebraic and trigonometric expressions and their applications to graphing, maxima and minima, and related rates; integration of algebraic and trigonometric expressions and area under curves.

Prerequisite: At least four high school credits in college preparatory mathematics including Algebra I, Algebra II, Geometry and Trigonometry (or a Pre-Calculus course containing Trigonometry) and a minimum ACT Mathematics Subject Score of 25 or MATH 1710 and MATH 1720 or MATH 1730 and exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly MAT 2510)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- fulfill the mathematics requirement for those students required to take only MATH 1910 as well as to prepare those students who are required to take MATH 1920.
- use technology in a manner that will promote better understanding of concepts introduced throughout the course.
- introduce and demonstrate the concepts of continuity and limit of a function intuitively.
- teach methods of differentiation of algebraic and trigonometric functions.
- use the derivative in sketching the graphs of algebraic and trigonometric functions and relations.
- apply the derivative to specific modeling problems involving, for example, motion, maxima and minima, and related rates.
- introduce the concept of integration, show its application to area under curves, and practice integration of algebraic and trigonometric expressions.

#### **Student Objectives**

Throughout the course, students will have the opportunity to...

- understand basic ideas about what calculus is.
- examine and determine by tables and graphs whether or not the limit of a function exists at a given value of  $x$  and if so, find that limit.
- discuss the formal epsilon and delta definition of a limit (optional).



- discuss analytic properties of the limits of algebraic and trigonometric functions; examine techniques and strategies such as substitution, cancellation, rationalizing, reduction of complex fractions, and trig identities for evaluating limits.
- indicate whether a given function is continuous or discontinuous at a given value of  $x$  or on an interval containing  $x$  and examine removable and nonremovable discontinuities.
- evaluate one-sided limits and discuss their relationship to the ideas of continuity.
- graph and investigate the greatest integer function and piece-wise functions in relation to limits and continuity. (Greatest integer function is optional.)
- evaluate infinite limits by graphic and algebraic processes and discuss their relationship to vertical asymptotes.
- find the slope of a curve at point  $P$  by use of the slope of a secant line through  $P$  and another point on the curve near  $P$ .
- find the derivative of a function by use of the definition and discuss the relationship between differentiability and continuity.
- write the equation of the line tangent to a given curve at a given point.
- differentiate functions using constant, power, constant multiple, sum, and trigonometric rules and apply to simple motion problems.
- differentiate algebraic and trigonometric functions using product, quotient, chain and general power rules and evaluate at given values of  $x$ .
- find the derivative of a function using implicit differentiation.
- find the higher order derivatives of functions by both explicit and implicit differentiation and apply to equations of motion.
- apply differentiation processes to related rates problems.
- find critical numbers and locate extrema of a function, including endpoints on an interval (endpoints optional).
- state and verify Rolle's theorem and the mean value theorem for given functions (optional).
- determine intervals over which a curve is increasing or decreasing and determine relative maximum and minimum values of given functions by use of the first derivative.
- determine intervals of concavity, find points of inflection, and test for maxima and minima by use of the second derivative. (Maxima and minima test is optional.)
- evaluate limits at infinity graphically and algebraically and discuss their relationship to horizontal asymptotes.
- sketch the graphs of given functions by use of intercepts, asymptotes, and information obtained by use of the first and second derivatives.
- apply derivatives to solve optimization (maximum/minimum) problems.
- use Newton's method to find zeros of functions (optional).
- understand and find differentials of functions and apply to determining error. (Error is optional.)
- define anti-differentiation; find the anti-derivative of given polynomial, power, rational, and trigonometric functions; and apply to initial value problems.
- use anti-derivatives to find the equation of motion when given acceleration or velocity of a particle at a given time (optional).

- perform operations with sigma notation and use it to find the area under the graphs of certain polynomial functions by using the definition of definite integral and rectangular subdivisions.
- study geometric and analytic properties of the definite and indefinite integral.
- study the Fundamental Theorem of Calculus and use it to evaluate definite integrals of polynomial and other algebraic relations and trigonometric functions, and apply to finding the area under curves.
- evaluate indefinite and definite integrals of algebraic and trigonometric expressions by the general power rule for integration and by u-substitution procedures.
- derive and apply the Trapezoid Rule and Simpson's Rule to the approximation of definite integrals and analyze error of results (optional).

### *MATH 1920 - Calculus II*

4 sem hrs cr

This course is a study of differentiation and integration of trigonometric, inverse trigonometric, logarithmic, and exponential functions; integration techniques, including parts, substitution and partial fractions; indeterminate forms; applications of the integral; sequences and infinite series including Taylor expansions. Prerequisite: MATH 1910

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- teach the skills necessary for the study of Calculus III.
- fulfill, partially, the math requirements for those in a University Parallel major and emphasis in the areas of mathematics, physics, pre-engineering, chemistry, and computer science.
- help the student better see how knowledge acquired in his past studies of algebra and trigonometry can be applied to calculus-based situations.
- review and extend the student's ability to differentiate and integrate algebraic and transcendental functions.
- apply previously learned methods of integration to finding volumes, arclength, surface area, and centroids.
- demonstrate the need for additional methods of integration and learn how to apply these methods to various integral forms.
- recognize and evaluate indeterminate forms.

- introduce methods for determining the convergence or divergence of sequences and infinite series.
- use series and approximation methods to represent functions using power series.

### **Student Objectives**

Throughout the course, students will have the opportunity to...

- differentiate and integrate simple algebraic and trigonometric functions as a review of Calculus I topics.
- use the laws of logarithms to simplify certain expressions, solve for  $x$  in logarithmic equations, and graph logarithmic functions (optional).
- take the derivative of variations of logarithmic functions.
- perform integrations of functions which have logarithmic solutions. Integrals will be both definite and indefinite.
- define and explore the idea of inverse functions (optional).
- learn the relationship between exponential and logarithmic functions, graph exponential functions, and solve for  $x$  in exponential equations (optional).
- differentiate and integrate variations of exponential functions.
- graph, differentiate, and integrate exponential functions with bases other than  $e$  (optional).
- define, graph, and solve problems involving the inverse trigonometric functions (optional).
- differentiate and integrate problems involving inverse trigonometric functions.
- define, graph, and solve problems involving hyperbolic functions (optional).
- differentiate and integrate variations of hyperbolic functions (optional).
- find the area between two curves by integration.
- find volumes of solids by the disc, washer, and shell methods.
- find volumes of solids with known cross sections (optional).
- find arclength of curves and area of surfaces of revolution by integration.
- calculate physical work (optional).
- find moments and centers of mass (centroids) of discrete systems and of plane regions.
- find pressure exerted by fluids on flat surfaces (optional).

- review integration procedures that the students have learned up to this point.
- perform the following additional methods of integration: integration by parts, trigonometric integrals, trigonometric substitution, partial fractions, and tables.
- recognize indeterminate forms, determine when L'Hopital's Rule applies and, if it does not, use algebraic methods to change indeterminate forms to other forms where the Rule does apply.
- evaluate limits which are indeterminate in form by L'Hopital's Rule.
- evaluate improper integrals.
- solve problems involving sequences and determine whether a sequence converges or diverges.
- identify series and determine whether a series (including geometric and telescoping) converges or diverges.
- use the nth term test to determine convergence.
- use the integral test to determine whether a series converges or diverges.
- identify p-series and determine their convergence.
- use the direct comparison and limit comparison tests to determine whether a series converges or diverges (direct comparison optional).
- determine the absolute or conditional convergence of an alternating series.
- use the ratio and root tests to determine the convergence of series (root test optional).
- approximate functions by Taylor and Maclaurin polynomials and use Taylor's Theorem to determine the accuracy of the approximation.
- investigate power series and determine their interval of convergence.
- represent functions by power series (optional).
- find the Taylor and/or Maclaurin series for a function and use the results to integrate a series.
- determine the error involved in approximating expressions by power series (optional).

*MATH 2010 - Introduction to Linear Algebra*

3 sem hrs cr

This course is a study of matrices, systems of linear equations, determinants, vectors, vector spaces, eigenvalues, eigenvectors, and other selected topics. Prerequisite: MATH 1910

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly MAT 2830)*

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- teach the skills needed to solve systems of equations using various matrix methods.
- familiarize students with theoretical aspects of matrix operations, including proofs.
- teach skills needed to evaluate and use determinants.
- teach vector skills that are necessary in other academic courses.
- introduce the student to abstract mathematical thinking using the concept of a vector space.
- teach the student how to find and change bases of vector spaces.
- teach the student how to find eigenvectors and eigenvalues of a matrix.
- make the student familiar with certain applications of matrix theory.

#### **Course Objectives**

Throughout the course, students will have the opportunity to...

- understand basic terminology and concepts regarding solutions of systems of linear equations.
- solve systems of linear equations using Gaussian elimination and Gauss-Jordan elimination.
- perform matrix operations, including addition, subtraction, multiplication, and transpose.
- use matrix operations to find the inverse of a matrix.
- understand algebraic properties of matrices.
- use elementary row operations to find the inverse of a matrix.
- perform operations with diagonal, triangular, and symmetric matrices.
- evaluate determinants of matrices by cofactor expansion.
- evaluate determinants of matrices by row reduction.
- use algebraic properties of determinants to solve problems.
- solve systems of linear equations using Cramer's Rule.
- understand basic terminology and geometric and algebraic operations on vectors in 2, 3, and  $n$  dimensions.
- find the norm of a vector and perform vector arithmetic.
- find dot products of two vectors and the angle between two vectors and understand the geometric interpretation of the dot product.
- understand the idea of orthogonality and solve problems involving perpendicular vectors, including projections and distances.
- find the cross product of two vectors and apply to geometric problems.

- understand and verify the ten axioms of a vector space.
- recognize and verify when one vector space is a subspace of another.
- understand the concepts of linear independence and dependence of sets of vectors and spanning sets.
- find bases for vector spaces.
- find the dimension of a vector space and understand its algebraic and geometrical significance.
- change the basis of a vector space.
- find the row, column, and null vector spaces of a given matrix and understand their relationships to systems of linear equations. (optional)
- determine the rank of a matrix and understand its implications. (optional)
- find the eigenvalues and eigenvectors of certain matrices.
- understand Theorem 5.1.6, which ties together most of the main ideas of the study of the subject of linear algebra.
- define and be able to identify inner product spaces. (optional)
- construct an orthonormal basis for a vector space using the Gram-Schmidt process.
- solve systems of linear equations.
- recognize and apply orthogonal square matrices. (optional)
- understand general linear transformations and be able to perform them. (optional)

*MATH 2050 - Calculus-Based Prob/Stats*

3 sem hrs cr

This course is an introduction to probability and statistics. Data analysis, probability, and statistical inference are introduced in this course. The inference material covers means, proportions, and variances for one and two samples, one-way ANOVA, regression and correlation, and chi-square analysis. Prerequisite: MATH 1830 or MATH 1910

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As*

**Transfer (UT) or Non-Transfer Course (UN): UT  
Master Course Syllabus  
Course Outcomes**

Upon successful completion of this course, students will be able to...

- distinguish between descriptive and inferential statistics.
- construct and graph a frequency distribution as a histogram, a frequency polygon, and pie chart.
- calculate measures of central tendency.
- calculate measures of variance.
- utilize the concepts of union and intersection in probability experiments, sample spaces, and events.

- find the probability of an event.
- apply properties of probabilities.
- use counting techniques in probability.
- apply properties of conditional probability and independent events.
- utilize the properties of the binomial distribution.
- find the z-score.
- utilize the z-score when finding probabilities and continuous variables.
- algebraically find the score when given a probability.
- utilize the normal curve to approximate the binomial distribution.
- utilize the central limit theorem to find the probabilities and sample means.
- test hypotheses about population parameters.
- utilize the t-test when the normal curve is unsuitable.
- construct and utilize confidence intervals.
- calculate appropriate sample sizes for tests of proportions and means.
- test hypotheses involving multinomial experiments and contingency tables.
- utilize the Chi-Square distribution with studies involving variance and standard deviation.
- compare two or more population means by parametric and nonparametric models.
- determine the appropriate sample size to estimate the difference between a pair of means.
- utilize the analysis of variance (ANOVA) to compare two or more populations.
- compare two or more population proportions by parametric and nonparametric methods.
- determine the appropriate sample size required to compare two population proportions.
- determine linear correlation by using parametric and nonparametric methods.
- calculate coefficient of correlation and coefficient of determination.
- interpret the y-intercept, slope, and standard deviation of the linear regression model.

*MATH 2110 - Calculus III*

4 sem hrs cr

This course is a study of parametric and polar equations; vectors in the plane and in space; solid analytic geometry, including cylindrical and spherical coordinates; functions of several variables, including partial derivatives and their applications; multiple integrals with applications; selected topics from vector calculus. Prerequisite: MATH 1920

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly MAT 2530)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Student Learning Outcomes**

By the end of the course, students will be able to...

- acquire the ability to understand the definitions of the four conic sections, construct their graphs, and name their various parts.
- study plane curves in parametric and polar form as well as surfaces and curves in space.
- develop proficiency in the study and application of vectors in the plane and in space.
- develop skill in finding appropriate partial derivatives and apply this skill to application problems in multivariable calculus.
- evaluate multiple integrals and apply the results to finding volume, mass, and center of mass.
- further develop skills in calculus that are necessary for students to succeed in mathematics, science, and engineering courses that are part of their curriculum.

### **Student Objectives**

Throughout the course, students will have the opportunity to...

- write the equation of a parabola in standard form; identify and locate the vertex, focus, directrix, and sketch.
- write the equation of an ellipse in standard form; identify and locate the center, foci, vertices, eccentricity, and sketch.
- write the equation of a hyperbola in standard form; identify and locate the center, foci, vertices, eccentricity, directrices, and sketch.
- classify equations, in general form, as the equation of a circle, parabola, ellipse, or hyperbola.
- use a graphing calculator to sketch certain equations in parametric form.
- eliminate the parameter and sketch by hand certain equations in parametric form.
- write the equations of certain conic sections in parametric form.
- use calculus to find the first and second derivatives of equations in parametric form.
- write the equations of tangent lines, and optionally, find arc length and surface areas of revolution for parametric curves.
- convert points and equations from polar to rectangular form and vice versa.
- recognize and sketch curves in polar form by hand and with the use of technology.
- calculate slopes of, and tangent lines to, the graphs of equations in polar form.
- find intersection points of graphs and use calculus to find appropriate areas, and optionally, arc lengths, and surface areas of revolution for given curves in polar form.
- write equations of conic sections in polar form and graph (optional).
- write the component form of a vector, perform vector operations and interpret the results geometrically, and write a vector as a linear combination of standard unity vectors, all in the plane.
- understand the three-dimensional rectangular coordinate system and analyze vectors in space.



- use the properties of the dot product of two vectors, find the angle between two vectors, find the direction cosines of a vector in space, and find the projection of one vector onto another.
- find the cross product of two vectors in space and apply properties of the cross product.
- write equations of lines and planes in space and sketch.
- find distances in space, including distance from a point to a line, between parallel and skew lines, from a point to a plane and between parallel planes.
- classify quadric surfaces from one of their six basic forms.
- sketch quadric surfaces and, optionally, certain surfaces of revolution.
- convert points and equations in cylindrical, spherical or rectangular coordinates from any one of the systems to another of these systems.
- understand basic concepts concerning functions of several variables.
- understand the basic ideas of limits and continuity in three dimensions (optional).
- determine specified partial derivatives of multivariable functions.
- interpret specified partial derivatives as the appropriate slopes of curves in space.
- find the total differential of a multivariable function.
- determine and compare the values of  $\Delta f$  and  $df$  for multivariable functions.
- determine how the total differential can be applied to absolute error and percent error (optional).
- write the appropriate chain rule form for multivariable function whose variables are defined in terms of other parameters.
- find and determine specified directional derivatives at indicated points.
- find, determine, and interpret the gradient vector for multivariable function.
- given a point on a surface, write the equation of the tangent plane and normal line.
- find extrema for a multivariable function and test to determine if these extrema are maxima or minima.
- write the model for required optimization problems and determine the maximum or minimum value as appropriate (optional).
- evaluate iterated integrals.
- apply iterated integrals to finding areas.
- apply double integrals to finding volumes under surfaces.
- write and evaluate double integrals in polar form (optional).
- apply the polar form of double integrals to finding volumes of solids that can best be expressed in polar form (optional).
- use double integrals to find the mass, the center of mass, and the moment of inertia and radius of gyration for lamina with variable densities (optional).
- use double integrals to find the area of a surface over a region  $R$  (optional).
- evaluate triple integrals.
- apply triple integrals to finding volume, mass, center of mass and, optionally, moment of inertia.
- graph vector functions (optional).
- find and interpret the derivatives and integrals of vector functions (optional).
- write, sketch, and interpret models for projectiles in motion, including velocity and acceleration (optional).
- find tangent and normal vectors to graphs of vector functions (optional).

- find the arclength of the graph of a vector function and the curvature of a vector function at a specified point and interpret the concept of curvature and radius of curvature (optional).

### *MATH 2120 - Differential Equations*

3 sem hrs cr

This course is a study of ordinary differential equations with applications, numerical solutions, power series, and LaPlace transforms. Prerequisite: MATH 1920

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MAT 2730)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Course Outcomes**

The goals of instruction in this course are to...

- fulfill the math requirement for pre-engineering, physics, and math majors.
- summarize and review integration techniques from calculus.
- introduce methods for solving linear differential equations.
- introduce methods for solving selected higher-order differential equations.
- use methods of solution of differential equations to solve application problems related to other areas such as physics, chemistry, and biology.
- provide a course that will require students to apply math knowledge acquired in calculus- and pre-calculus-level courses.

#### **Course Objectives**

Through the course, students will have the opportunity to...

- review integration, including the following techniques:
  - integration involving exponential and trigonometric functions;
  - integration by parts;
  - integration by substitution; and
  - integration by partial fractions.
- classify differential equations by type, order, and degree.
- verify that a given equation is a solution to a differential equation.
- solve initial-value problems.
- find regions of possible solutions to initial-value problems.
- understand how differential equations arise in applications.
- understand how graphs represent solutions of differential equations.
- solve differential equations using separation of variables.
- recognize and solve first order linear differential equations using integrating factors.

- recognize and solve exact differential equations.
- recognize and solve homogeneous differential equations using the substitutions  $y=ux$  and  $u=vy$ .
- solve Bernoulli equations.
- understand and use Euler's Method to solve initial-value problems.
- solve rate of growth/decay, mixture, series circuit and Newton's Law of Cooling problems using methods of differential equations.
- solve population logistic and second order chemical reaction problems (optional).
- understand basic theory of higher order linear equations, including boundary value problems, homogeneous and non-homogeneous equations, and the differential operator.
- determine whether solutions to differential equations are dependent or independent using Wronskians.
- construct a second solution from a known solution using reduction of order.
- solve higher order homogeneous linear differential equations with constant coefficients using auxiliary equations.
- find the annihilator for polynomial, exponential, and trigonometric functions (optional).
- solve differential equations using the method of undetermined coefficients (this can be done with either the superposition approach or the annihilator approach).
- solve differential equations using variation of parameters.

*MATH 2990 - Independent Study in Mathematics*

1-5 sem hrs cr

The Independent Study in Mathematics is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Mechatronics**

*MECH 1310 - Electrical Components*

3 sem hrs cr

(2 hours lecture-2 hours lab)

This course is a study of the basic electrical components in a mechatronics system. Topics covered will include basic functions and physical properties of electrical components; the systematic flow of energy and measurement of components; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventive maintenance and electrical component safety. Technical documentation such as data sheets, schematics, timing diagrams and system specifications will also be covered.

*Formerly/Same As (Formerly MECH 1100)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Course Objectives**

- Show knowledge of the historical development of what comprises a mechatronic system or module
- Understand and apply electric safety rules while working on a mechatronic system
- Develop an understanding of the specific roles of various electrical components within a given system or module
- Analyze basic circuits using Ohm's law, Kirchhoff's laws, and Watts law.
- Analyze effectively series and parallel electrical circuits
- Know and explain physical operation of electromagnetic and electrostatic components such as coils, solenoids, relays, and various sensors used in a mechatronic system
- Understand and explain the basic physical properties of electrical components such as resistors, capacitors, diodes, transformers, relays, and power supplies
- Read, analyze, and utilize the technical documents such as data sheets, timing diagrams, operation manuals, and schematics for a mechatronic system
- Take operative measurements on electrical components in a mechatronic system and understand how to interpret the results
- Effectively troubleshoot malfunctions in electrical components, based upon the technical documentation
- Understand how to trace and describe the flow of electrical energy in a mechatronic system
- Apply safety rules while working on the system
- Demonstrate proficiency of essential industry skills as measured by a third-party evaluator such as, but not limited to, SACA, NC3, NOCTI, YASKAWA, and Amatrol LMS

*MECH 1320 - Mechanical Components and Electrical Drives*

3 sem hrs cr

(2 hours lecture-2 hours lab)

This course is a study of the basic mechanical components and electrical drives in a mechatronics system. Topics covered will include basic functions and physical properties of mechanical components and electrical AC and DC drives; materials, lubrication requirements and surface properties; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventative maintenance and electrical component safety. Technical documentation such as data sheets and specifications of mechanical elements and electrical drives will also be covered.

*Formerly/Same As (Formerly MECH 1200)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- understand and explain the role of mechanical components and electrical motors in complex mechatronic systems, modules and subsystems.
- understand and explain the flow of mechanical energy in the system.
- understand and explain safety rules while working on mechanical components.
- explain the role of various mechanical components within a given system or module.
- trace and describe the flow of energy in a given mechatronic system or subsystem.
- understand and analyze forces, speeds, torque, and power for mechanical drives such as gears, belt drives, chain drives, and timing drives.
- understand and explain differences between different types of AC motors.
- understand and explain differences between the different types of DC motors.
- correctly apply mechanical material analysis for shafts, couplings, and sealing devices with proper lubrication.
- describe and analyze power transmission components such as clutches and brakes and how they are used.
- carry out adjustments on mechanical components in a mechatronic system.
- read, analyze and utilize the technical data sheets for the mechanical components and electrical drives within a mechatronic system.
- demonstrate proficiency of essential industry skills as measured by a third-party evaluator such as, but not limited to, SACA, NC3, NOCTI, YASKAWA, and Amatrol LMS.

*MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits*

3 sem hrs cr

(2 hours lecture-2 hours lab)

This course is a study of the basic pneumatic, electro pneumatic and hydraulic control circuits in a mechatronics system. Topics covered will include the functions and properties of control elements; measuring pneumatic and hydraulic control circuits; troubleshooting techniques and strategies to identify, localize and correct malfunctions; and systematic preventive maintenance and safety of (electro) pneumatic and hydraulic components. Technical documentation such as data sheets, circuit diagrams, displacement step diagrams and function charts will also be covered.

*Formerly/Same As (Formerly MECH 1300)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Course Objectives**

- Explain what a mechatronic system is, and the inter-relationships of components and modules within a complex mechatronic system with a focus on (electro) pneumatic and hydraulic control systems
- Understand and explain the difference between hydraulic and pneumatic fluid power
- Explain and apply basic hydraulic/pneumatic principles such as Boyle's Law, Pascal's Law
- Identify basic components in a fluid power system
- Explain the roles of (electro) pneumatic and hydraulic components within a given system
- Trace and describe the flow of fluid energy in a given mechatronic system or subsystem
- Describe the basic physical properties of pneumatic and hydraulic components such as cylinders, directional control valves, regulators, flow control valves, pumps, and motors
- Carryout measurements and adjustments on pneumatic and hydraulic systems
- Read, analyze, and utilize the technical documents such as data sheets, circuit diagrams, displacement step diagrams, timing diagrams, and function charts for the pneumatic and hydraulic components within a mechatronic system
- Correctly localize, identify, and document causes of malfunctions in pneumatic and hydraulic circuits, based upon the technical documentation
- Correct malfunctions in pneumatic and hydraulic circuits
- Apply safety rules while working on the system
- Demonstrate proficiency of essential industry skills as measured by a third-party evaluator such as, but not limited to, SACA, NC3, NOCTI, YASKAWA, and Amatrol LMS

*MECH 1340 - Digital Fundamentals and Programmable Logic Controllers*

3 sem hrs cr

(2 hours lecture-2 hours lab)

This course is a study of basic digital logic and programmable logic controllers (PLCs) in a mechatronics system using the automation system SIMATIC S7-300 and the programming software STEP7. Topics covered will include basic PLC functions and testing; identification of malfunctioning PLCs; and troubleshooting techniques and strategies to identify and localize PLC hardware generated problems. Emphasis is on writing small programs and problem-solving using computer simulations. Prerequisite or Corequisite: MECH 1330

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MECH 1500)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MECH 1350 - Industrial Robotics*

3 sem hrs cr

(2 hours lecture-2 hours lab)

This course introduces the student to industrial robots and teaches software for programming various manufacturers' robots. Students gain operating and troubleshooting experience, plus experience in programming an industrial robot for manufacturing and mechatronics applications.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- understand the basic anatomy and applications of Robotics utilizing the knowledge gained in electrical and mechanical courses.
- program the robotic system with the available software for the robot using the teach pendant and any available off-line simulation software.
- create, modify, and execute material handling programs.
- create and execute MACROs.
- describe the steps taken to properly troubleshoot a system efficiently and be proficient in recovering from common program and robot faults.
- understand OSHA rules and regulations concerning industrial robots. (Students can do the online OSHA class in order to receive OSHA Certifications.)
- integrate a robot into the Mechatronic system.
- demonstrate proficiency of essential industry skills as measured by a third-party evaluator such as, but not limited to, SACA, NC3, NOCTI, YASKAWA, and Amatrol LMS.

*MECH 2320 - Motor Control*

3 sem hrs cr

(2 hours lecture-2 hours lab)

This course is a study of the principles of motor control. Topics covered will include general machine operations and motor control techniques; mechanical components and electric drives; motor sensors, braking and loads; motor efficiency and power; preventive measures and troubleshooting techniques. Prerequisite: MECH 1320

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly MECH 2400)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MECH 2425 - Mechanics and Machine Elements*

4 sem hrs cr

(3 hours lecture-2 hours lab)

This course is a study of the mechanical components that are included in a complex mechatronic system. Topics covered will include an overview of Statics and Kinetics with a focus on force system analysis, study of equilibrium, frames and machines, friction and the effects of forces on the motion of objects. Fundamentals and classification of machine elements to include calculations involving force, stress and wear analysis will also be covered. Prerequisite: MECH 1320; and MATH 1710 or MATH 1720 or MATH 1730 or MATH 1910, with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MECH 2500)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- develop a free body diagram and resolve forces on the body.
- analyze and resolve moments in a system.
- analyze shafts and components for different types of stress.
- understand coefficient of friction and its role in force analysis and resolution.
- analyze V-belt drives and select the proper belt drive components for unique applications.
- analyze the kinematics of gears and select proper components for unique applications.
- recognize different styles of gearing and know the application of each style.
- understand tolerances and design fits for mechanical designs.
- analyze bearing loads and recognize the difference between bearing styles.
- understand and analyze fasteners and its usage.
- describe and analyze different styles of springs and the application of each style.
- analyze clutches and brakes and select the proper clutch or brake for unique applications.

*MECH 2440 - Process Control Technologies*

4 sem hrs cr

(3 hours lecture-2 hours lab)

This course is a study of the Process Control technologies associated with a complex mechatronics system. Topics covered will include the Closed Loop Control; interaction between



controllers, sensors and actuators; controller operating parameters; PID controllers; ON/OFF and PID controllers; and the differences between controllers typically used in mechatronic systems. The analysis of plant documentation and manuals, the creation and interpretation of charts with diagrams for time-based changes of measured values will also be covered. Prerequisite: MECH 1310; and MATH 1710 or MATH 1720 or MATH 1730 or MATH 1910, with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline. Corequisite: MECH 1330

*Formerly/Same As* (Formerly MECH 2100)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MECH 2441 - Introduction to Totally Integrated Automation*  
4 sem hrs cr

(3 hours lecture-2 hours lab)

This course is an introduction to Totally Integrated Automation. Topics covered will include the automaton pyramid, analogue sensors and actuators, STEP 7 functions, MPI-Bus and PROFIBUS systems, and systems maintenance and troubleshooting. Prerequisite: MECH 1340; and MATH 1710 or MATH 1720 or MATH 1730 or MATH 1910 , with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MECH 2200)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- write a basic PLC program implementing sensor and relay technology in a circuit.
- develop and implement program timers in Step7/TIA ladder logic programs.
- develop and implement program counters in Step7/TIA ladder logic programs.
- manipulate logic data in ladder logic programs.
- perform math instructions in ladder logic programs.
- understand and explain the role of analog sensors and analog modules in PLC technology.
- carry out troubleshooting and preventive maintenance of PLC components.
- test Step7/TIA programming functions using simulation features.

- understand and explain the basics of the 2-wire bus cable which can be used for many kinds of PLCs.
- understand and explain the basics of MPI-Bus system and the handling of an MPI-network in a S7 project.
- understand and explain the basics of PROFIBUS-DP, including implementing a PROFIBUS in a Step 7 project; connecting specific PROFIBUS modules to the bus system; and troubleshooting when a PROFIBUS is not working.

*MECH 2480 - Automation Systems*

4 sem hrs cr

(3 hours lecture-2 hours lab)

This course is a study of the automation systems utilized within a mechatronics system. Topics covered will include Metal Cutting, Modal Analysis, CNC, CAD, CAM, programming and microcontrollers that are used in modern manufacturing technologies. Prerequisite: MECH 1340 and MATH 1710 or MATH 1720 or MATH 1730 or MATH 1910

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MECH 2300)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- explain the architecture and structure of microprocessors and microcontrollers.
- program mechatronic processor modules in a mechatronic system.
- operate, assemble, and interconnect microcontrollers.
- understand CNC fundamentals and basic notions of CNC programming.
- identify general aspects about CAM, its applications, and its advantages in an automated manufacturing environment using simulation.
- represent models for mechatronic components by using CAD/CAM tools.

*MECH 2490 - Manufacturing Applications*

4 sem hrs cr

(3 hours lecture-2 hours lab)

This course is a study of the overall manufacturing process. Topics covered will include process management and design. Students will be exposed to a factory simulation and will be required to complete a design project. Prerequisite: This course requires the successful completion of or enrollment in all other mechatronics courses or permission of the appropriate dean.

*Formerly/Same As (Formerly MECH 2600)*

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of the course, students will demonstrate the ability to...

- understand the roles of a cross-functional team approach and the benefits of a team.
- understand factors that make up decision making for a continuous-improvement activity.
- analyze overall product quality and process capability of a system.
- understand continual-improvement system and how to apply concept to a system project.
- read, analyze, and utilize the technical documents such as data sheets, timing diagrams, operation manuals, schematics for continual-improvement activities.
- use Kaizen and basic time study methods on a Mechatronics system.
- give PowerPoint presentations as a process improvement team to a technical group.
- use previous class knowledge in a Mechatronics system team project.
- error proof a system from concept to implementation.
- apply safety rules while working on the system.

*MECH 2495 - Internship in Mechatronics II*

3 sem hrs cr

This course is an internship and designed to apply manufacturing improvement processes in a mechatronics system. Students will apply and report on a combination of basic statistics for improvement, manufacturing teams, process waste, OEE, process capability, continual improvement, fish bone diagrams, kaizen activities, TPM, and basic time study methods. Prerequisite: Completion of MECH 1310, MECH 1320, MECH 1330, MECH 1340, MECH 2440, MECH 2441, and MECH 2480

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- analyze and describe basic statistics in quality and process capability of a system.
- describe the process of a continual improvement system and apply to a system project.
- use fishbone diagrams, kaizen activities, and basic time study methods to determine improvement activity on a mechatronic system.

- apply previous class knowledge in a mechatronics system team project.

*MECH 2710 - Robotics Safety and Operation*

4 sem hrs cr

(3 hours lecture-2 hours lab)

This course covers the history of robots in industry and safety applications associated with robot usage. Topics also include lock out tag out, safety in the workplace, and dangers involved with robots. Intrinsic safety is covered. OSHA and RIA safety standards will be covered. There will be an introduction to robot application and programming with an in-depth study of typical robot operations in today's industry. Prerequisite: MECH 1350

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MECH 2720 - Robotic Design and Maintenance*

4 sem hrs credit

(3 hours lecture-2 hours lab)

This course delves into the design of 5 and 6 axis robots. Students study the design of robots including the drive systems for each joint and the internal programming involved for joint movement. After the design of an industrial robot is understood, the student will learn about maintenance of a typical robot to include servo motor and control and harmonic drives and how to replace components. Prerequisite: MECH 1330, MECH 1340, MECH 1350

Prerequisite/Corequisite: MATH 1710

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MECH 2730 - Robotic Design and End Effector Tooling*

4 sem hrs credit

(3 hours lecture-2 hours lab)

Robots are used in many different way and have multiple roles in industry. The end effectors or end of arm tooling used by robots are vital to its success. Design of end effectors and tooling is studied for industry usage. The student will design and create a simple end effector and program the robot to perform a task.

This course is a prerequisite to MECH 2750. Prerequisite: MECH 2710, MECH 2720

Prerequisite/Corequisite: MATH 1710

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- describe the design history of end effectors used in industry.
- identify different types of end effectors.
- design a simple end effector to perform a simple task.
- integrate the end effector into the system.
- identify limits of end effector design for a robotic system.
- maintain OSHA Safety Standards when designing and implementing end effectors into an automated system.

*MECH 2740 - Robotic Welding*

4 sem hrs credit

(3 hours lecture-2 hours lab)

Robotic welding is a staple of product manufacturing for automotive and many other fields. Topics covered in this course will be GMAW, different welding torches used in robotic welding and material selection for weld material for specific applications. Student will learn how to teach and create welds using robots. Each student will program a robot to weld standard cold rolled steel. Prerequisite: MECH 2710, MECH 2720

Prerequisite/Corequisite: MECH 2730, MATH 1710

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- describe the different types of welding performed by robots: SPOT, GMAW, TIG, etc., and the different types of gasses used.
- learn Basic Welding Techniques.
- select the proper welding system for a given application.
- identify different types of welding torches.
- teach a robot to perform a weld while integrating the robot into a system.

- troubleshoot and correct common problems with robotic welding.
- identify limits of robotic welding in a robotic system.
- maintain Osha Safety Standard requirements when designing and implementing robotic welding.

*MECH 2750 - Robotic Applications Capstone*

4 sem hrs credit

(3 hours lecture-2 hours lab)

This course will allow students to work as a team to create a robotic assembly work cell. Students will have to create a mechatronic system utilizing a robot to assemble a product. Included will be design of an end effector, a mechatronic assembly, and integration into the system. Student will adhere to national safety standards. Prerequisite:

Prerequisite/Corequisite: MECH 2710, MECH 2720, MECH 2730, and MECH 2740

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- work as a team to develop a mechatronic system to assemble a product using a robot integrated into the system.
- understand what factors make up decision making for a continuous-improvement activity including project cost and payback.
- demonstrate and design safety features for proper robotic usage
- use an industry process FMEA (Failure Mode and Effect Analysis) to analyze overall product quality and process capability of a system.
- read, analyze and utilize the technical documents such as data sheet, timing diagrams, operator manuals, schematics for continual improvement activities.
- ability to use Deming's process of kaizen and basic time study methods on a Mechatronic system.
- ability use previous class knowledge in a Mechatronics system team project.
- document the process and design.
- present and communicate the application.

**MECH 2991 - Special Topics in Mechatronics**

1 sem hr cr

This course will cover a special topic related to the second-year study of mechatronics. The course is designed to meet unique needs of either the student or workforce to: 1) advance skills toward specific career goals and/or job opportunities, 2) improve access to a path to completion

of a credential, i.e., certification, certificate, or degree, or 3) meet other needs, such as enhancing transfer from one institution to another.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon completion of this course, students will demonstrate the ability to...

- describe the function and application of the special topic covered as it relates to a mechatronic system.
- apply troubleshooting techniques to mechatronic system.
- apply safety rules to the application and use of the mechatronic systems covered in the course.

**Medical Lab**

*MLAB 1301 - Intro to Medical Lab Technology*

3 sem hrs cr

An introduction to the clinical laboratory sciences which includes care and use of equipment, laboratory safety, basic laboratory math, medical terminology, principles of phlebotomy, quality control, preparation of chemical solutions and an orientation to the major testing areas in the medical laboratory.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**COURSE GOALS**

Following completion of MLAB 1301, students will be able to...

- describe the following basic concepts related to clinical laboratory science:
  - laboratory safety;
  - quality assessment;
  - quality control;
  - phlebotomy;
  - specimen processing; and
  - major testing areas.
- summarize the underlying theory of routine laboratory in the following laboratory disciplines:
  - chemistry;
  - hematology;
  - immunohematology;
  - immunology;
  - microbiology; and

- urinalysis.
- explain the importance of professionalism and ethical conduct in clinical laboratory science
- summarize Motlow State Community College's MLT Program, its requirements, and application process.

## **STUDENT LEARNING OUTCOMES**

The student will...

- explain and use basic laboratory and workplace safety practices.
- demonstrate a basic knowledge of hospital and laboratory organizational and governance structure.
- explain and perform the proper identification of patients and collection of samples.
- practice the proper collection, handling and treatment of patients and specimens.
- demonstrate knowledge of basic laboratory procedures, techniques, equipment, and terminology including laboratory math, quality control, pipets, and microscopes.
- describe each section of the medical laboratory.
- summarize the mission of the Medical Laboratory Technology (MLT) program and its requirements.
- demonstrate a knowledge of professional appearance, behavior, ethics, and communicative skills.

### *MLAB 1510 - Clinical Practicum I*

5 sem hrs cr (205 clinical contact hours)

Includes laboratory performances by students during progressive rotations through the affiliated clinical laboratory sites in the departments of Hematology, Coagulation, Urinalysis, Immunohematology, Serology, Microbiology, Clinical Chemistry and Phlebotomy. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

## **STUDENT LEARNING OUTCOMES**

Upon completion of this course, students will be able to...

- demonstrate the ability to apply, analyze, and evaluate information relevant to their role as an entry-level Medical Laboratory Technician.
- demonstrate technical proficiency in all skills necessary to fulfill the role of an entry-level Medical Laboratory Technician.
- demonstrate personal behavior consistent with professional and employer expectations for the entry-level Medical Laboratory Technician.
- demonstrate critical-thinking skills for inquiry and analysis, assimilation of facts and knowledge, and problem solving.
- utilize quality assurance techniques.
- organize the workload efficiently and with minimum supervision.



- value the patient's right of confidentiality.
- accept and abide by the safety precautions and regulation established in the laboratory.
- correlate appropriate principles with the tests performed and the impact on patient care.
- collect, evaluate, and prepare appropriate review material for the designated rotation.
- create a plan to successfully study for and pass the rotation exam.

*MLAB 1520 - Clinical Practicum II*  
5 sem hrs cr (240 clinical contact hours)

Includes laboratory performances by students during progressive rotations through the affiliated clinical laboratory sites in the departments of Hematology, Coagulation, Urinalysis, Immunohematology, Serology, Microbiology, Clinical Chemistry and Phlebotomy. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MLAB 2130 - Seminar I*  
1 sem hr cr

The student will be given the opportunity to develop a broader application of the clinical laboratory scientist's role as a health professional in a variety of learning experiences, including seminars, lectures, practices quizzes, and discussions in the seven knowledge areas (hematology, blood bank, clinical chemistry, microbiology, laboratory operations, immunology, and urinalysis/body fluids). It is also a seminar course designed to give students experience in researching and presenting case studies with emphasis on correlation of laboratory results. Included in this course are review and practice examinations as well as a comprehensive battery of examinations encompassing seven knowledge areas to prepare students for certification examinations. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **STUDENT LEARNING OUTCOMES**

Upon completion of this course, students will be able to...

- demonstrate critical-thinking skills in the areas of their clinical rotations.
- review, summarize, and communicate information pertaining to all areas of the clinical laboratory in written and spoken form.
- problem solve through the collection and analysis of data.
- communicate the conclusions of data analysis to others in written and spoken form.
- navigate the scientific and professional literature effectively, employing newly learned skills to gather information on a particular topic of interest.
- gather continuing education information and incorporate it into presentable forms.

- effectively deliver a seminar to an audience on an approved topic in medical technology or a related field.
- properly utilize current technology and internet resources for topic investigation and seminar preparation.
- demonstrate the ability to apply, analyze, and evaluate information relevant to their role as an entry-level Medical Laboratory Technician.
- utilize interpersonal skills in a professionally appropriate manner.

*MLAB 2201 - Clinical Immunology*

2 sem hrs cr (15 lecture hours/30 laboratory hours)

Basic principles of the immune system structure and function in health and disease. Topic include principles of a natural and acquired immunity, hypersensitivity, autoimmunity, immunodeficiency, transplant and tumor immunology, immunological techniques and flow cytometry. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**STUDENT LEARNING OUTCOMES**

Upon completion of this course, students will be able to...

- define natural and acquired immunity and to list and describe both the cells and other components of the immune system.
- differentiate cell-mediated from antibody-mediated immunity and discuss the features of antigens that illicit an immune response.
- describe the complement system and its importance in the immune response.
- describe immunoglobulins with emphasis on their classes, structures, serum concentrations, ability to cross the placenta, and complement fixation.
- discuss and describe basic immunoassay principles and procedures.
- describe autoimmune disorders, including both tolerance and proposed mechanisms, as well as the major clinical and laboratory features that are seen.
- describe immunodeficiency disorders and differentiate the laboratory findings of B-cell and T-cell immunodeficiencies.
- list and define the types of hypersensitivity and discuss the immunologic mechanisms unique to each.
- evaluate the suitability of clinical specimens for immunological testing.
- evaluate laboratory test outcomes and correlate with disease or immune system status.
- exhibit professionalism, self-motivation, and responsibility.

*MLAB 2202 - Urinalysis & Body Fluids*

2 sem hrs cr (15 lecture hours/30 laboratory hours)

This course examines the urinary system as related to the routine urinalysis. The component

parts of the urinalysis, to include the physical, chemical and microscopic examination, are performed. The course also includes the examination of common types of body fluid.

Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **STUDENT LEARNING OUTCOMES**

Upon completion of this course, students will be able to...

- describe the anatomy of the renal system, including the major functional features of the nephron.
- describe the following aspects of renal physiology: glomerular filtration and urine formation, changes in urine volume and solute composition, and the renin-angiotensin-aldosterone system.
- list the solutes that are both reabsorbed and secreted in the nephron, as well as the location of this activity and its relative effect on the amount of these substances.
- describe the renal pathology and urinalysis findings associated with following aspects of renal disease: metabolic disorders, Fanconi Syndrome, urinary tract infections including non-bacterial organisms found in the urine, vascular disease, and renal calculi formation.
- describe the substances that effect urine color and clarity and explain their clinical significance.
- describe the various chemical tests of urine and identify the limitations inherent to their analysis.
- correlate macroscopic, microscopic, and chemical tests of urine in relation to renal disease and other pathological conditions that affect urinalysis results.
- differentiate the different microscopic techniques and their usefulness in microscopic analysis of urine.
- discuss the utilization of urine creatinine measurements in the assessment of renal function.
- discuss factors that can influence calculi formation (increase in chemical salts, change in pH, urinary stasis).
- list and describe the function of all body fluids, including substances and formed elements that may be found in them in both pathological and non-pathological circumstances.
- utilize quality assurance and quality control methods to insure accurate results of a urinalysis procedure.
- exhibit professionalism, self-motivation, and responsibility.

#### **Competency Assessment-Related Outcomes**

Upon completion of this course, students will be able to...

- demonstrate the practice of universal laboratory safety precautions at all times.

- evaluate the acceptability of urine specimens and be able to instruct others in the proper collection, transport, and handling of urine specimens for urinalysis.
- perform processing of both urine and body fluids specimen to preserve the quality of laboratory testing in accordance to given standard laboratory procedures.
- perform urine and body fluid analyses including gross examination, cell counts, chemical tests, and microscopic morphologic examination.
- demonstrate a satisfactory performance of specific gravity measurements using refractometry.
- demonstrate pre-analytical, analytical, and post-analytical troubleshooting abilities related to the quality of specimens, reagents, reagent strips, equipment, and testing procedures that can affect urinalysis results.
- properly perform a chemical and microscopic urinalysis on a given specimen and interpret the results for all routine urinalysis tests.
- demonstrate a satisfactory level of competence in the identification of all cells, casts, microorganisms, crystals, precipitates, and other material formations that can be observed in the urine.

*MLAB 2270 - Seminar II*

2 sem hrs cr

The student will be given the opportunity to develop a broader application of the clinical laboratory scientist's role as a health professional in a variety of learning experiences, including seminars, lectures, practices quizzes, and discussions in the seven knowledge areas (hematology, blood bank, clinical chemistry, microbiology, laboratory operations, immunology, and urinalysis/body fluids). It is also a seminar course designed to give students experience in researching and presenting case studies with emphasis on correlation of laboratory results. Included in this course are review and practice examinations as well as a comprehensive battery of examinations encompassing seven knowledge areas to prepare students for certification examinations. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MLAB 2301 - Immunohematology/Blood Bank*

3 sem hrs cr (30 lecture hours/30 laboratory hours)

The theory and practice of blood group antigens and antibodies, donor selection, and component therapy. Topics include: ABO grouping, Rh typing, cross matching, antibody screening and identification, quality control, donor screening, component preparation, hemolytic disease of the fetus and newborn, autoimmune hemolytic anemias, and adverse effects of transfusion. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **STUDENT LEARNING OUTCOMES**

Upon completion of this course, students will be able to...

- describe the characteristics of blood cell antigens and major differences of IgG and IgM antibodies in immunohematology testing, distinguishing in vitro with in vivo antigen-antibody reactions.
- describe the principle of the direct and indirect antiglobulin tests, as well as the role of potentiators in blood bank testing.
- describe the sources of antigen and antibody used in routine testing in immunohematology, including antisera, anti-globulin reagents, reagent red blood cells, and lectins.
- compare and contrast polyclonal and monoclonal antisera, reagent blood cells, and other reagents and equipment used in the blood bank laboratory, as well as the importance of cell washing in select procedures.
- define blood group system and list the major groups encountered in immunohematology.
- describe the general characteristics of ABO and H system antigens and antibodies, including the inheritance of A, B, and H antigens.
- describe the genotypes, phenotypes, antigen structures, and other characteristics of the Rh and other blood group system.
- define the following terms: universal donor, universal recipient, secretor, and non-secretor.
- describe the characteristics of Rh system antibodies and their clinical significance with regard to transfusion and HDN.
- list the steps used in forward typing, antibody screening, and antibody identification procedures and discuss the purpose of these tests.
- describe the principles of adsorption, elution, and neutralization of antibodies.
- provide a description of each blood component and its clinical use, as well as storage and quality control requirements for each component.
- appraise the results of a hemolytic disease of the newborn workup.
- indicate the proper protocol for the release of various blood components and products.
- discuss and demonstrate quality assurance practices for a clinical laboratory.
- develop trouble-shooting skills.
- exhibit professionalism, self-motivation, and responsibility.
- demonstrate the practice of universal laboratory safety precautions at all times.
- given the procedure and any necessary equipment and/or reagents, carry out assigned blood bank laboratory tests in a manner that ensures the validity of your results.
- perform tube agglutination tests for forward typing, antibody screening, crossmatch, and antibody identification procedures using established procedures.
- identify and resolve ABO discrepancies.
- properly select blood for compatibility testing and prepare donor blood for transfusion after pre-transfusion testing is complete.

*MLAB 2401 - Clinical Chemistry*

4 sem hrs cr (45 lecture hours/30 laboratory hours)

An overview of clinical chemistry theory, principles, procedures, and correlations. Tests for glucose, urea, creatinine, uric acid, proteins, bilirubin, enzymes and electrolytes are included. Colorimetric and photometric techniques used in examining normal and abnormal clinical specimens are introduced along with special procedures such as immunoassays and electrophoresis. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MLAB 2402 - Hematology & Hemostasis*

4 sem hrs cr (45 lecture hours/30 laboratory hours)

This course integrates the theory of hematology with application through assessment of laboratory test results. Laboratory test results are correlated with disease. Areas of study include formation of blood, composition of blood, morphology of blood cells and changes observed in blood cells in response to disease. An overview of coagulation theory is provided. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MLAB 2403 - Clinical Microbiology*

4 sem hrs cr (45 lecture hours/30 laboratory hours)

This course examines the study of microorganisms of medical importance as it relates to man and disease. The course includes discussions of proper collection, handling and examination of specimens, staining and culture techniques, identification methods, drug sensitivity testing, and quality control procedures. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

*MLAB 2510 - Clinical Practicum III*

5 sem hrs cr (240 clinical contact hours)

Includes laboratory performances by students during progressive rotations through the affiliated clinical laboratory sites in the departments of Hematology, Coagulation, Urinalysis, Immunohematology, Serology, Microbiology, Clinical Chemistry and Phlebotomy. Prerequisite: Program Restriction—Enrollment limited to students admitted to the MLT program

**Transfer (UT) or Non-Transfer Course (UN): UN**

## MSCC

### *MSCC 1300 - First-Year Experience*

3 sem hrs cr

This course is designed to empower students to reach their educational and career goals. Students will become familiar with college resources, policies, and procedures while also improving their time management, study, research, and technology skills. Collaborative learning opportunities are designed to improve critical thinking, problem solving, and reading comprehension abilities.

Corequisite: This course is also mandatory in the first semester of enrollment for any student required to complete ENGL 0810, MATH 0101, MATH 0530, MATH 0630, MATH 0810, or READ 0810.

**Students who do not complete this course successfully in the first semester and still have unsatisfied Learning Support requirements must retake the course while enrolled in Learning Support courses.**

**\*Students who have earned 24 college credit hours and have a college GPA of 2.0 or higher prior to enrollment in MSCC 1300 are exempt from this course requirement.**

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- describe the skills necessary for a smooth transition into college.
- develop and implement an academic plan.
- identify and utilize basic MSCC student services and resources.
- identify and demonstrate successful academic study skills.
- recognize the purpose and value of academic integrity.
- analyze claims and supporting evidence of arguments.
- reflect and make connections between their educational and personal experiences.
- ask pertinent questions to solve authentic problems.

#### **Course Objectives**

- To practice researching, setting, and assessing both long- and short-term goals
- To explore the special challenges associated with transitioning into college while reviewing strategies for a successful transition

- To explore specific career paths, including anticipated changes in the field associated with degree requirements, pay scale, lifestyle, and career viability
- To practice drafting a MSCC GPS plan under the guidance of an advisor and registering for future classes
- To recognize various strains of stress associated with college life, how these strains affect other aspects of a student's life, and how time-management skills may help the students manage these stresses
- To practice finding and utilizing student services, such as those associated with financial aid or counseling, as well as those associated with student resources, such as the library and Writing/Math Centers
- To learn and practice sound study skills, such as those associated with note-taking, test-taking, and project management
- To practice critical-thinking and reading skills

## Music

### *MUS 1014 - Class Voice*

1 sem hr cr

Group instruction in basic techniques of singing, such as breath control, tone production, diction, and phrasing and interpretation of simple song repertoire.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- learn basic voice anatomy.
- establish a healthy vocal technique for singing that is applicable to many different singing styles.
- understand voice health and hygiene.
- learn effective practice techniques.
- learn basic vocal and musical vocabulary.
- unlock the communicative and expressive power of their own voices.
- develop critical listening skills apropos to one's own singing, as well as the singing of others.
- develop techniques to address performance anxiety.
- develop the ability to give and take critique about one's own performance and the performance of others.

### *MUS 1021 - Choir*

1 sem hr cr

This course requires participation in all phases of choral activity, including rehearsals and



performances. A variety of musical styles is covered. May be repeated for credit a maximum of eight times to apply toward graduation.

This course is open to all students. *Formerly/Same As* (Formerly MUSP 1021, MUS 1410)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- demonstrate how to sing with acceptable tone quality and vocal technique (including breath control and tone production).
- demonstrate how to blend and tune well with others to produce a pleasing choral sound when singing in unison and in parts.
- maintain musical accuracy (pitch, rhythm, and other musical elements) and independence of part when singing multi-voiced choral music.
- demonstrate how to sing with good diction and pronunciation in English and foreign languages (Latin, Spanish, German, French, and/or Italian).
- maintain accuracy of tempo (and other music elements) by following a conductor.
- demonstrate correct execution of expressive markings (dynamics, phrasing, articulations, etc.).
- demonstrate through performance familiarity with a variety of styles of choral music and appropriate musical interpretation.
- communicate effectively with an audience through good stage presence.
- demonstrate improvement in the skills above in subsequent semesters.

*MUS 1027 - Class Piano I*

1 sem hr cr

This course provides class lessons for beginning piano students. Instruction includes elementary technical exercises for developing keyboard facility and music reading. Playing positions, fingering, note identification, and reading beginning level rhythms are covered.

This course satisfies the one-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in music.

*Formerly/Same As* (Formerly MUS 1530)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- perform with correct playing position, fingering, and rhythm the basic pentachord exercises; the assigned major scales in both tetrachord and one octave hands together positions; the I-IV-V progression in assigned keys as both blocked and broken chords; and the Beginning-level compositions utilizing pentachords and I-IV-V chord progressions.
- demonstrate how to read Beginning-level compositions utilizing pentachords and I-IV-V chord progressions.
- demonstrate how to transpose Beginning-level pentachord melodies.

*MUS 1030 - Introduction to Music*

3 sem hrs cr

This course is designed to develop the student's awareness of music from many historical style periods, music from diverse cultures, and the foundations of modern streams of musical thought.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly MUSA 1030)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- define and/or describe the elements of music.
- define and/or describe the historical periods of music.
- define and/or describe the stylistic characteristics of each period.
- list and/or identify composers and compositions.
- demonstrate the ability to hear and identify prescribed characteristics of music through developed listening skills.

*MUS 1035 - History of Jazz*

3 sem hrs cr

This course is designed to cover the origins, developments, and current trends in the jazz idiom through the study of its musical practices, important recordings, and American and African American social and musical cultures.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Specific Objectives**

- Analyze recordings as to jazz style, influences, and performer
- Cite important developments in the history of jazz, from slavery to present
- Cite specific examples of the blending of European and African music elements which developed into jazz
- Identify chief exponents of jazz and their stylistic achievements
- Identify each stylistic period in jazz development as it historically occurred

*MUS 1057 - Music Theory I*

3 sem hrs cr

This course provides a study on music notation and harmony including major and minor scales, key signatures, triads, intervals, and rhythm. Students will learn to write four-part music, including primary chords in first inversion and cadences. This is a university-parallel course for students majoring in music.

This course satisfies the three-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

*Formerly/Same As (Formerly MUS 1110)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- read and write pitches in treble, bass, alto, and tenor clefs.
- build major and the three types of minor scales from any given tone.
- identify and write key signatures for all major and minor keys.
- identify and spell all simple intervals.
- identify and spell major, minor, augmented, and diminished triads.
- demonstrate, by writing various rhythms, acceptable manuscript techniques.
- demonstrate, by written exercises, an understanding of the basic principles of melody and four-voice part-writing.

*MUS 1058 - Ear Training I*

1 sem hr cr

This course provides the student knowledge to sing and play notated music (both pitch and rhythm) as well as to notate music that the student hears (aural dictation). Melodies using the major and minor scale and intervals from the tonic and dominant triad will be studied. This is a university parallel course for students who plan to major in music.

This course satisfies the one-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in music.

*Formerly/Same As (Formerly MUS 1300)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- demonstrate ability using sight sing diatonic melodies (with stepwise motion and intervals from the tonic and dominant triads) utilizing sol-feg syllables (movable do), letter names, and/or scale-degree numbers. These will include melodies written in treble and bass clef.
- perform and analyze notated rhythms exhibiting beat division in simple and compound meters utilizing a counting system.
- write, from dictation, rhythms exhibiting beat division in simple and compound meters.
- write, from dictation, diatonic melodies (with stepwise motion and intervals from the tonic and dominant triads). These will include melodies written in treble and bass clef.
- identify, by ear and by sight, major and minor scales; major and minor triads; and simple diatonic intervals including half steps, whole steps, and intervals from the tonic and dominant triads.

*MUS 1127 - Class Piano II*

1 sem hr cr

This course is a continuation of MUS 1027 with attention to beginning level keyboard literature and developing skills such as music reading, technique, and modal and diatonic harmonization. Reading rhythms and ensemble playing are included.

This course satisfies the one-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in music. Prerequisite: MUS 1027

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly MUS 1540)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- perform—with correct playing position, fingering, and rhythm—beginning-level repertoire, beginning-level technical exercises, and beginning-level ensemble repertoire.
- demonstrate ability to read beginning-level repertoire.
- demonstrate ability how to harmonize melodies using diatonic and modal harmonies.

- demonstrate ability how to improvise on basic diatonic progressions.

*MUS 1141 - Band Ensemble*

1 sem hr cr

This course provides students with the opportunity to perform in the jazz band setting modeled after the big band style. May be repeated for credit a maximum of eight times to apply toward graduation.

Rehearsals and performances are required. Enrollment in this course requires permission of the instructor. *Formerly/Same As* (Formerly MUSP 1141, MUS 1810)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- perform on an instrument with characteristic tone quality and technique of that instrument.
- perform with reasonably correct intonation.
- perform notated music with correct pitch, rhythm, and other musical elements.
- recognize and demonstrate proper musical phrasing.
- demonstrate proper interpretation of a variety of music for ensemble in different styles.
- demonstrate the ability to play together in an ensemble without a conductor.
- demonstrate improvement in the skills above in subsequent semesters.

*MUS 1155 - Music Theory II*

3 sem hrs cr

Continuation of MUS 1057. This course provides new material which includes secondary chords, chord inversions, proper usage of non-chord tones, and diatonic seventh chords. The student will learn to write music using figured bass and to harmonize melodies using the chords and harmonic practices studied. This course satisfies the three-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in music. Prerequisite: MUS 1057

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MUS 1120)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

At the completion of this course, students will be able to...

- identify and write various types of non-chord tones.
- identify, spell, and notate diatonic seventh chords.
- provide a harmonic analysis using Roman numeral chord symbols of excerpts of four-part diatonic harmony.
- add three voices to a given figured bass in diatonic harmony using acceptable part-writing procedures.
- write four-part diatonic harmony given Roman numeral chord symbols using acceptable part-writing procedures.
- harmonize a given melody for four voices using acceptable part-writing procedures.

### *MUS 1156 - Ear Training II*

1 sem hr cr

This course provides new elements for the alto and tenor clefs, the subdivided beat in simple and compound meters, diatonic seventh chords, and diatonic chord progressions involving I (i), IV (iv), V, ii6 (ii6) and vi (VI). Students will learn to read (sing) and write (by aural dictation) pitch and rhythm together.

This course satisfies the one-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in music. Prerequisite: MUS 1058

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MUS 1400)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- demonstrate ability to sight sing diatonic melodies (including all possible skips) utilizing sol-feg syllables (movable do), letter names, and/or scale-degree numbers. These will include melodies in alto and tenor clef in addition to treble and bass clef.
- perform and analyze notated rhythms exhibiting beat division in simple and compound meters utilizing a counting system.
- write, from dictation, rhythms exhibiting beat subdivision in simple and compound meters.
- write, from dictation, diatonic melodies (including all possible skips). These will include melodies in alto and tenor clef in addition to treble and bass clef.
- identify, by ear and by sight, major and minor scales; major, minor, augmented, and diminished triads as well as diatonic seventh chords and simple diatonic intervals including half steps, whole steps, and intervals from all diatonic triads and seventh chords.

*MUS 1610 - Ensemble: Chamber I*

1 sem hr cr

This course allows for the formation of special interest musical groups not covered in other music curriculum. Content emphasizes, but is not limited to, instrumental music. A variety of musical styles is covered. Rehearsals and performances are required. Enrollment in this course requires permission of the instructor.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- perform selected repertoire for the chamber ensemble in which they are participating.
- demonstrate the ability to work collaboratively to produce a high-quality performance in a chamber ensemble.
- demonstrate understanding of how the compositions they are performing are constructed in terms of principles of music theory/analysis and how it might pertain to their performance of the music.
- demonstrate understanding of the biography of the composer(s) of the compositions they are performing and how it might pertain to their performance of the music.
- demonstrate understanding of the historical context in which the music they are performing how it might pertain to their performance of the music.

*MUS 1620 - Ensemble: Chamber II*

1 sem hr cr

This course allows for the formation of special interest musical groups not covered in other music curriculum. Content emphasizes, but is not limited to, instrumental music. A variety of musical styles is covered. Rehearsals and performances are required. Enrollment in this course requires the permission of the instructor.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- perform selected repertoire for the chamber ensemble in which they are participating.
- demonstrate the ability to work collaboratively to produce a high-quality performance in a chamber ensemble.
- demonstrate understanding of how the compositions they are performing are constructed in terms of principles of music theory/analysis and how it might pertain to their performance of the music.

- demonstrate understanding of the biography of the composer(s) of the compositions they are performing and how it might pertain to their performance of the music.
- demonstrate understanding of the historical context in which the music they are performing how it might pertain to their performance of the music.

*MUS 1630 - Ensemble: Chamber III*

1 sem hr cr

This course allows for the formation of special interest musical groups not covered in other music curriculum. Content emphasizes, but is not limited to, instrumental music. A variety of musical styles is covered. Rehearsals and performances are required. Enrollment in this course requires the permission of the instructor.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- perform selected repertoire for the chamber ensemble in which they are participating.
- demonstrate the ability to work collaboratively to produce a high-quality performance in a chamber ensemble.
- demonstrate understanding of how the compositions they are performing are constructed in terms of principles of music theory/analysis and how it might pertain to their performance of the music.
- demonstrate understanding of the biography of the composer(s) of the compositions they are performing and how it might pertain to their performance of the music.
- demonstrate understanding of the historical context in which the music they are performing how it might pertain to their performance of the music.

*MUS 1640 - Ensemble: Chamber IV*

1 sem hr cr

This course allows for the formation of special interest musical groups not covered in other music curriculum. Content emphasizes, but is not limited to, instrumental music. A variety of musical styles is covered. Rehearsals and performances are required. Enrollment in this course requires the permission of the instructor.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- perform selected repertoire for the chamber ensemble in which they are participating.



- demonstrate the ability to work collaboratively to produce a high-quality performance in a chamber ensemble.
- demonstrate understanding of how the compositions they are performing are constructed in terms of principles of music theory/analysis and how it might pertain to their performance of the music.
- demonstrate understanding of the biography of the composer(s) of the compositions they are performing and how it might pertain to their performance of the music.
- demonstrate understanding of the historical context in which the music they are performing how it might pertain to their performance of the music.

### *MUS 1710 - Beginning Guitar*

1 sem cr hr

This course provides group instruction in basic guitar skills for students with beginning or intermediate experience. This course progressively develops guitar skills.

MUS 1710 Beginning Guitar and MUS 1720 Intermediate Guitar must be taken sequentially and are open to all students.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- develop appropriate sitting posture and hand positions.
- learn to play chords, accompaniment, and melodies.
- learn proper strumming, fingerstyle, and flat-picking techniques.
- learn to read standard music notation, chord diagrams, chord symbols, and tablature.
- learn to tune and care for the guitar.
- learn to play various musical genres.

### *MUS 1712 - Applied Piano*

2 sem cr hrs

This course offers one private lesson per week on a music major's primary or secondary instrument. Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- perform—with correct playing position, fingering, rhythm and musical skill—the piano literature applicable to the individual student's level.
- play major/minor scales, corresponding arpeggios, and chord progressions.
- sightread.

*MUS 1720 - Intermediate Guitar*

1 sem cr hr

This course provides group instruction in basic guitar skills for students with beginning or intermediate experience. This course progressively develops guitar skills.

MUS 1710 Beginning Guitar and MUS 1720 Intermediate Guitar must be taken sequentially and are open to all students.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to...

- develop good practice habits.
- learn proper guitar technique.
- learn note reading on the guitar.
- perform note recognition on the entire fret-board.
- understand how to read moderately complex rhythms.
- comprehend and articulate basic music theory.
- perform strumming and picking patterns.
- play a chord melody of a simple song.

*MUS 1722 - Applied Voice*

2 sem cr hrs

Private vocal study, meeting 50 minutes weekly, with emphasis on posture, breathing, tone quality, vowel pronunciation, consonant articulation, register melding, range expansion, music reading, dramatic interpretation, and performance practices. Includes study of standard art-song repertoire in English, Italian, German, and French (usually in that order). Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

**Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to demonstrate...

- ability to sing with correct posture and breath control.
- ability to sing with acceptable tone quality (resonance, consistency of tone, etc.) and intonation.
- ability to sing with the ability to utilize and unify various vocal registers to expand range and improve consistency of tone.
- ability to sing solo vocal repertoire with attention to details of musical expression such as dynamics, phrasing, and articulation, according to the student's level of competency.
- ability to sing solo vocal repertoire from contrasting musical periods and/or styles with appropriate stylistic interpretation.
- ability to sing technical exercises and etudes appropriate to the student's level.
- ability to sing with good diction and pronunciation in English and foreign languages (Italian, Spanish, German, and/or French).
- ability to sing with effective stage presence (including memorization) and dramatic interpretation.
- ability to sing notated music with satisfactory accuracy of pitch, text, and rhythm.
- ability to sing a solo(s) in public performance at recital seminar and/or juries.
- improvement (in #1-10 above) in subsequent semesters.

### *MUS 1732 - Applied Guitar*

2 sem cr hrs

This course offers one private lesson per week on a music major's primary or secondary instrument. Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to demonstrate...

- how to play utilizing a metronome for accuracy of rhythm and tempo.
- how to play on the guitar basic chord substitutions.
- how to play on the guitar chord/melody arranging
- how to play on the guitar chord/scale relationships in various keys.
- how to play on the guitar repertoire of various composers.
- how to play on the guitar lead sheets at sight (both melody and harmony) with satisfactory accuracy of pitch and rhythm.

- how to play on the guitar scales, modes, chords, and arpeggios including major, harmonic minor, jazz melodic minor, diminished, and whole tone.
- improvement (in #1-9 above) in subsequent semesters.

*MUS 1742 - Applied Woodwind*

2 sem cr hrs

This course offers one private lesson per week on a music major's primary or secondary instrument. Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to demonstrate...

- how to play on a woodwind instrument a proper warm-up with correct posture and breathe control.
- how to play on a woodwind instrument a solo(s) in public performance at recital seminar and/or juries.
- how to play on a woodwind instrument notated music with satisfactory accuracy of pitch and rhythm.
- how to play on a woodwind instrument repertoire from contrasting musical periods with appropriate stylistic interpretation.
- how to play on a woodwind instrument repertoire with attention to details of musical expression such as dynamics, phrasing, and articulation, according to the student's level of competency.
- how to play on a woodwind instrument scales, arpeggios, technical exercises, and etudes appropriate to the student's level.
- how to play on a woodwind instrument with acceptable tone quality and intonation appropriate to generally accepted musical standards.
- improvement (in #1-7 above) in subsequent semesters.

*MUS 1752 - Applied Brass*

2 sem cr hrs

This course offers one private lesson per week on a music major's primary or secondary instrument. Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to demonstrate...

- how to play on a brass instrument a proper warm-up with correct posture and breath control.
- how to play on a brass instrument a solo(s) in public performance at recital seminar and/or juries.
- how to play on a brass instrument notated music with satisfactory accuracy of pitch and rhythm.
- how to play on a brass instrument repertoire from contrasting musical periods with appropriate stylistic interpretation.
- how to play on a brass instrument repertoire with attention to details of musical expression such as dynamics, phrasing, and articulation, according to the student's level of competency.
- how to play on a brass instrument scales, arpeggios, technical exercises, and etudes appropriate to the student's level.
- how to play on a brass instrument with acceptable tone quality and intonation appropriate to generally accepted musical standards.
- improvement (in #1-7 above) in subsequent semesters

*MUS 1762 - Applied String*

2 sem cr hrs

This course offers one private lesson per week on a music major's primary or secondary instrument. Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to demonstrate...

- how to play on a string instrument a proper warm-up with correct posture and breath control.

- how to play on a string instrument a solo(s) in public performance at recital seminar and/or juries.
- how to play on a string instrument notated music with satisfactory accuracy of pitch and rhythm.
- how to play on a string instrument repertoire from contrasting musical periods with appropriate stylistic interpretation.
- how to play on a string instrument repertoire with attention to details of musical expression such as dynamics, phrasing, and articulation, according to the student's level of competency.
- how to play on a string instrument scales, arpeggios, technical exercises, and etudes appropriate to the student's level.
- how to play on a string instrument with acceptable tone quality and intonation appropriate to generally accepted musical standards.
- improvement (in #1-7 above) in subsequent semesters

### *MUS 1772 - Applied Percussion*

2 sem cr hrs

This course offers one private lesson per week on a music major's primary or secondary instrument. Instruction is directed to individual problems and needs, beginning at the student's level of proficiency. May be repeated for credit with a maximum of eight times to apply toward graduation.

This course along with three additional semesters of the same course satisfies the eight-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in Music.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Learning Outcomes**

As a result of taking and passing this course, the student will be able to demonstrate...

- how to play instruments from various percussion categories over the course of multiple semesters, including snare, mallet instruments, timpani, drum set, and auxiliary percussion.
- how to play on percussion instruments a solo(s) in public performance at recital seminar and/or juries.
- how to play on percussion instruments notated music with satisfactory accuracy of pitch and rhythm.
- how to play on percussion instruments repertoire from contrasting musical periods with appropriate stylistic interpretation.
- how to play on percussion instruments repertoire with attention to details of musical expression such as dynamics, phrasing, and articulation, according to the student's level of competency.
- how to play on percussion instruments rudiments, scales, arpeggios, technical exercises, and etudes appropriate to the various individual instruments.

- how to play on percussion instruments with acceptable technique, tone production, and intonation appropriate to the various individual instruments.
- how to play on percussion instruments with correct posture and grip.
- improvement (in #1-8 above) in subsequent semesters.

*MUS 2055 - Music Theory III*

3 sem hrs cr

This course is a continuation of MUS 1155. It introduces the chromatic vocabulary of the Common Practice Period with the use of Secondary Dominant Chords, Secondary Diminished Seventh Chords, Augmented Sixth Chords, the Neapolitan Sixth Chord, Modal Change and Modulation. This course satisfies the program requirement for the TTP agreement in accordance with the A.F.A. degree in music. Prerequisite: MUS 1155

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly MUS 2100)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- provide a harmonic analysis (Roman numerals, etc.) of excerpts of standard piano or choral literature, indicating also the chromatic chords listed in the course description.
- write and resolve chromatic chords (root position and their inversions, when appropriate), using accepted part-writing procedures in the SATB format.
- create a melodic soprano line from a given figured bass (with specified chromatic chords), supply alto and tenor voices, and label all non-chord tones.
- harmonize a given melody, using chromatic chords where appropriate, and set it for SATB, solo piano and/or solo with piano accompaniment.
- analyze and write modulatory excerpts.

*MUS 2056 - Ear Training III*

1 sem hr cr

This course includes aural dictation and provides a practical approach to sight singing techniques, including pitch and rhythmic reading, with emphasis on chromatic materials. This course satisfies the one-hour program requirement for the TTP agreement in accordance with the A.F.A. degree in music. Prerequisite: MUS 1156

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly MUS 2300)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus  
Course Learning Outcomes**

As a result of taking this course, the student will be able to...

- sing, by sight, melodies using accepted diatonic and chromatic sol-feg syllables.
- notate, from dictation, melodies with chromaticism.
- use a system of syllables for rhythmic analysis and reading, incorporating syncopation, triplets, and duplets.
- identify, by ear, chromatic non-chord tone types.
- Identify, by ear, the outer voices in a half cadence involving chromatic chords.
- sing, by sight, melodies which modulate to closely related keys.

*MUS 2990 - Independent Study in Music*

1-5 sem hrs cr

The Independent Study in Music is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Nursing-NRSG**

*NRSG 1130 - Math Applications for Nursing*

1 sem hr cr

This course focuses on the arithmetic of dosages and solutions used by the practicing nurse. Topics include the metric, household systems, dosages in units and milli-equivalents, dry powdered drugs, and calculations of IV flow rates. This course is specifically designed for prospective or enrolled nursing students who need more practice and instruction to master calculation skills.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UN**



## **Master Course Syllabus**

### **Course Objectives**

Upon completion of this course, the student will be able to...

- complete conversion with the metric and common household systems.
- define definitions when interpreting drug dosages/medication orders.
- calculate oral, parenteral, and intravenous drug dosages.
- calculate dosage of medication based upon body weight and prove mathematically.
- calculate flow rates for intravenous solutions in both mL/hr and drops/min.
- calculate the infusion time of prescribed intravenous solutions.
- transcribe a medication order to a medication administration record (MAR).
- document correctly on a medication administration record (MAR).
- identify correct amount of medication to be given in a syringe, medicine cup, and dropper.
- identify essential parts of a health care provider's order for medication.

*NRSG 1320 - Women's Health and the Childbearing Family*  
3 sem hrs cr (2 lecture; 1 clinical/lab)

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care for women, infants, childbearing patients and families including pharmacological management. Prerequisite: NRSG 2730 Medical-Surgical Nursing II, NRSG 1330, BIOL 2230; ENGL 1020, PSYC 2130, or COMM 2025

Prerequisite or Corequisite: ART 1035, ART 2000, ART 2020, ENGL 2045, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320, ENGL 2330, MUS 1030, or THEA 1030

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Course Objectives**

To successfully complete NRSG 1320, the student will be able to demonstrate the following:

- *Professional Behaviors*
  - Conduct self in a professional manner in dress and behavior while caring for clients and interacting with clients, instructors, peers, and the healthcare team.
  - Practice within the legal, ethical, and regulatory frameworks of the nursing profession.
  - Maintain confidentiality and incorporate ethical/legal principles in documentation, discussions, and performance of care.
  - Identify and document areas of self-growth through weekly self-evaluation.
- *Communication*

- Apply principles of therapeutic communication to interactions with clients, families, and members of the healthcare team.
- Report and document, according to agency guidelines, pertinent client information related to client problems.
- *Assessment*
  - Identify abnormal diagnostic findings, relate to client, and begin to discuss nursing implications.
  - Perform physical assessment and utilize data to identify client problems.
- *Clinical Decision Making*
  - Utilize critical thinking to make clinical judgments and management decisions to plan and provide accurate and safe care, with instructor guidance.
  - Develop a concept map utilizing the nursing process and incorporating fundamental, maternal-newborn, and community health concepts, with instructor guidance.
- *Caring Interventions*
  - Integrate spiritual and cultural issues of clients/families with planning and providing care, with instructor guidance.
  - Demonstrate adequate clinical preparation, as outlined in syllabus, to provide safe, effective client care.
  - Maintain a safe client care environment by identifying and correcting safety problems.
  - Apply principles of medical and surgical asepsis while caring for clients.
  - Demonstrate competency in previously learned psychomotor skills and theory and apply this in the clinical setting.
  - Apply growth and development concepts to client situations and implement appropriate nursing interventions to promote health and client education in both inpatient and community settings, with instructor guidance.
  - Develop a nursing plan of care utilizing the nursing process and incorporating fundamental, maternal-child, and community health concepts, with instructor guidance.
- *Teaching*
  - Utilize growth and development concepts to identify health teaching needs for clients of all ages, develop and implement a teaching plan, with instructor guidance.
  - Evaluate client learning and identify how the teaching plan may be modified, with instructor guidance.
- *Collaboration*
  - Collaborate with clients, families, and healthcare team when planning care.
  - Collaborate with clients, families, and healthcare team when implementing care.
- *Coordination and Management*
  - Identify prioritization of client needs and nursing actions to ensure positive outcomes, with instructor guidance.
  - Recognize fundamental concepts of delegation in the healthcare setting.

*NRSG 1330 - Pediatric Nursing*  
3 sem hrs cr (2 lecture; 1 clinical/lab)

This course applies the core concepts that provide the basis knowledge, skills, and attitudes that are essential for providing safe nursing care for children with alterations in health including pharmacological management. Prerequisite: NRSG 1720 Medical-Surgical Nursing I, NRSG 1340 Mental Health Nursing Prerequisite or Corequisite: ENGL 1020, PSYC 2130, or COMM 2025; BIOL 2230

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Course Student Learning Outcomes/Course Objectives**

To successfully complete NRSG 1330, the student will be able to demonstrate the following competencies and behaviors:

- *PROFESSIONAL BEHAVIORS*
  - Conduct self in a professional manner in dress and conduct while caring for clients and interacting with clients, instructors, peers, and the health care team.
  - Practice within the legal, ethical and regulatory frameworks of the nursing profession and the standards of professional nursing practice.
  - Demonstrate accountability for nursing care given by self.
- *COMMUNICATION*
  - Demonstrate basic effective communication with clients and members of the healthcare team using oral, written, and electronic forms of communication.
  - Report and document assessments, interventions, and progress toward client outcomes with assistance of instructor.
- *ASSESSMENT*
  - Demonstrate the ability to collect subjective and objective data to identify actual or potential health alterations.
  - Perform physical and psychosocial assessments; utilize normal and abnormal findings and other supportive data to identify appropriate nursing diagnoses with instructor assistance.
  - Assess the client and significant support person(s) and identify learning strengths, barriers, and educational needs.
- *CLINICAL DECISION MAKING*
  - Formulate clinical decisions to provide safe and effective evidenced based nursing care.
  - Utilize assessment data to evaluate the client's condition, and, with instructor guidance, plan care.
  - Evaluate the client's progression toward planned outcomes, identify modifications to care, which are needed to assist client to meet outcomes with instructor assistance.

- *CARING INTERVENTIONS*
  - Demonstrate caring interventions that incorporate principles of dignity, diversity, safety, and knowledge.
  - Discuss the care regimen as prescribed by the health care provider with clinical instructor and health care team.
  - Continue to demonstrate competency in previously learned psychomotor skills and theory and apply these to the clinical setting.
  - Utilize theory knowledge regarding disease processes and human physiology to identify clinical signs and symptoms.
  - Plan care based on an understanding of disease process. Identify varied treatment modalities and implement with instructor assistance.
  - 6. TEACHING
  - Develop an individualized basic teaching plan to meet the educational needs of patients, families, and/or groups.
  - With instructor guidance, teach the client and significant support person(s) the information and skills needed to achieve desired learning outcomes.
  - Evaluate learning that has taken place and identify how the teaching plan may be modified.
- *COLLABORATION*
  - Collaborate with clients and significant support persons to identify health goals and promote optimal health maintenance.
  - Identify and interact with members of the health care team who are involved in the coordination of cost effective, competent care with positive quality outcomes.
  - Interact with client, support person(s), clinical instructor, and members of the health care team to identify and solve problems, which may impede the achievement of client goals and outcomes.
- *COORDINATION and MANAGEMENT*
  - Using basic principles of managing care identify prioritization of client needs and nursing actions to ensure positive outcomes.
  - Discuss available resources, time constraints, and environmental factors, which impact the management of the client's care.

*NRSG 1340 - Mental Health Nursing*  
3 sem hrs cr (2 lecture; 1 clinical/lab)

This course applies the core concepts that provide the basis for knowledge, skills, and attitudes that are essential for providing safe nursing for clients with alterations in mental health including pharmacological management. Prerequisite: NRSG 1710 Fundamentals in Nursing; BIOL 2010, ENGL 1010, PSYC 1030 Prerequisite or Corequisite: BIOL 2020; MATH 1530

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

## **Master Course Syllabus**

### **Course Student Learning Outcomes**

To successfully complete NRS 1340, the student will be able to demonstrate the following competencies and behaviors:

- *PROFESSIONAL BEHAVIORS*
  - Conduct self in a professional manner in dress and conduct while caring for clients and interacting with clients, instructors, peers, and the health care team.
  - Practice within the legal, ethical and regulatory frameworks of the nursing profession and the standards of professional nursing practice.
  - Demonstrate accountability for nursing care given by self.
- *COMMUNICATION*
  - Demonstrate basic effective communication with clients and members of the healthcare team using oral communication.
- *ASSESSMENT*
  - Demonstrate the ability to collect subjective and objective data to identify actual or potential health alterations.
  - Perform psychosocial assessments; utilize normal and abnormal findings and other supportive data to identify appropriate nursing diagnoses with instructor assistance.
  - Assess the client and significant support person(s) and identify learning strengths, barriers, and educational needs.
- *CLINICAL DECISION MAKING*
  - Formulate clinical decisions to provide safe and effective evidenced based nursing care.
  - Utilize assessment data to evaluate the client's condition and plan care.
- *CARING INTERVENTIONS*
  - Demonstrate preparedness to safely provide care for client(s).
  - Demonstrate caring interventions that incorporate principles of dignity, diversity, safety and knowledge.
  - Create a safe physical and psychosocial environment to protect the client(s) from injury, infection, and harm.
  - Demonstrate knowledge of medications to evaluate desired effects and monitor for side effects.
  - Continue to demonstrate competency in previously learned skills and theory and apply these to the clinical setting.
  - Utilize theory knowledge regarding disease processes and human physiology to identify clinical signs and symptoms.
  - Plan care based on an understanding of disease process. Identify varied treatment modalities and implement with instructor assistance.
- *TEACHING*
  - Incorporate teaching into the plan of care.
- *COLLABORATION*
  - Collaborate with clients and significant support persons to identify health goals and promote optimal health maintenance.

- Identify and interact with members of the health care team who are involved in the coordination of cost effective, competent care with positive quality outcomes.
- Interact with client, support person(s), clinical instructor, and members of the health care team to identify and solve problems, which may impede the achievement of client goals and outcomes.
- *COORDINATION & MANAGEMENT*
  - Using basic principles of managing care, identify prioritization of client needs and nursing actions to ensure positive outcomes.
  - Discuss available resources, time constraints and environmental factors, which affect the management of the client's care.

*NRSG 1370 - Medical Terminology for Healthcare Professionals*

3 sem hrs cr

This course is a study of the language of the allied sciences, nursing, and radiology. The meaning and usage of medical terminology within all body systems is presented.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

Upon successful completion of this course, the student will...

- identify the role and recognize examples of word roots, prefixes, suffixes, and combining forms in developing medical terms.
- demonstrate correct usage of the combining vowel by correctly joining word parts to write and analyze medical terms.
- demonstrate the correct spelling of medical terms.
- pronounce medical terms correctly.
- recognize and define terms pertaining to sciences of the human body and field of medicine.
- write the meaning of medical abbreviations and use the abbreviations appropriately.
- differentiate terms as being related to diagnosis, anatomy, surgery, therapy, or radiology.

*NRSG 1700 - Transition to Professional Nursing*

7 sem hrs cr (5 lecture; 2 clinical/lab)

Course is designed to assist the student in transitioning to the role of the professional nurse. This course is not transferable for meeting degree requirements. Prerequisite: Program admission; ENGL 1010; BIOL 2010, BIOL 2020, PSYC 1030, MATH 1530

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Course Student Learning Outcomes/Course Objectives**

Upon completion of NRSG 1700, the student will be able to demonstrate the following competencies and behaviors:

- *PROFESSIONAL BEHAVIOR*
  - Conduct self in a professional manner in dress and behavior while caring and interacting with clients, instructors, peers, and the health care team.
  - Practice within the legal, ethical, and regulatory frameworks of the nursing profession and the standards of professional nursing practice, with instructor guidance.
  - Demonstrate accountability, for nursing care given, by maintaining confidentiality and incorporating ethical/legal principles in documentation, discussions, and performance of care, with instructor guidance.
- *COMMUNICATION*
  - Demonstrate principles of therapeutic communication in interactions with clients, families, and members of the health care team using oral, written, and electronic forms of communication.
  - Report and document, according to agency guidelines, assessments, interventions, and progress toward client outcomes, with assistance of instructor.
- *ASSESSMENT*
  - Demonstrate the ability to collect subjective and objective data to identify actual or potential health alterations.
  - Perform physical and psychosocial assessments; utilize normal and abnormal findings and other supportive data to identify appropriate nursing diagnoses, with instructor assistance.
  - Assess the client and significant support person(s), and identify learning strengths, barriers, and educational needs.
- *CLINICAL DECISION MAKING*
  - Formulate clinical decisions to provide safe and effective evidenced based nursing care.
  - Utilize assessment data to evaluate the client's condition, and, with instructor guidance, plan care.
  - Evaluate the client's progression toward planned outcomes; identify modifications to care which are needed to assist client to meet outcomes, with instructor assistance.
- *CARING INTERVENTIONS*
  - Demonstrate caring interventions that incorporate principles of dignity, diversity, safety, and knowledge.

- Demonstrate preparedness to safely provide care for client(s).
- Create a safe physical and psychosocial environment to protect the client(s) from injury, infection, and harm.
- Discuss the care regimen, as prescribed by the health care provider, with clinical instructor and health care team.
- Continue to demonstrate competency in previously learned psychomotor skills and theory, within the scope of LPN training, as well as the skill set of NRSG 1700, and apply these to the clinical setting.
- Utilize theory knowledge regarding disease processes and human physiology to identify clinical signs and symptoms.
- Plan care based on an understanding of disease process. Identify varied treatment modalities and implement, with instructor assistance.
- Demonstrate knowledge of assigned medications, dosage calculations, and administration methods to evaluate desired effects and monitor for side effects.
- *TEACHING*
  - Develop individualized basic teaching to meet the educational needs of patients, families, and/or groups.
  - With instructor guidance, teach the client and significant support person(s) the information and skills needed to achieve desired learning outcomes.
  - Evaluate learning that has taken place, and identify how the teaching plan may be modified.
  - Incorporate teaching into the plan of care.
- *COLLABORATION*
  - Collaborate with clients and significant support person(s) to identify health goals and promote optimal health maintenance.
  - Identify and interact with members of the health care team who are involved in the coordination of cost effective, competent care with positive quality outcomes.
  - Interact with client, support person(s), clinical instructor, and members of the health care team to identify and solve problems which may impede the achievement of client goals and outcomes.
- *COORDINATION AND MANAGEMENT*
  - Using basic principles of managing care, identify prioritization of client needs and nursing actions to ensure positive outcomes.
  - Discuss available resources, time constraints, and environmental factors which impact the management of the client's care.

*NRSG 1710 - Fundamentals in Nursing*  
7 sem hrs cr (4 lecture; 3 clinical/lab)

An introduction to the core concepts that provide the basis for knowledge, skills, and attitudes that emphasize fundamental principles necessary to provide safe nursing care for individuals with basic alterations in homeostasis and health. Prerequisite: Program Admission Prerequisite or Corequisite: BIOL 2010, ENGL 1010, PSYC 1030



In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Course Student Learning Outcomes/Course Objectives**

To successfully complete NRSG 1710, the student will be able to demonstrate the following competencies and behaviors:

- *PROFESSIONAL BEHAVIOR*
  - Conduct self in a professional manner in dress and behavior while caring for and interacting with patients, instructors, peers and the health care team. Submit complete written work as assigned and on time.
  - Identify ethical, legal, and regulatory frameworks of Nursing and the standards of professional Nursing practice.
  - Maintain confidentiality and incorporate ethical/legal principles in documentation, discussions, and performance of care.
- *COMMUNICATION*
  - Define the components of effective communication and begin to apply principles of therapeutic communication to interactions with patients, families, and members of the health care team, with instructor guidance.
  - Report and document, according to agency guidelines, pertinent patient information, related to patient problems, with instructor guidance.
- *ASSESSMENT*
  - Identify subjective and objective data, which relates to actual or potential health alterations.
  - Perform physical assessment, with instructor guidance.
- *CLINICAL DECISION MAKING*
  - Recognize how clinical decision-making relates to providing safe and effective evidenced-based Nursing care.
- *CARING INTERVENTIONS*
  - Identify caring interventions that incorporate principles of dignity, diversity, safety, and knowledge.
  - Demonstrate adequate clinical preparation, as outlined in syllabus, to provide safe, effective patient care.
  - Maintain a safe patient care environment by identifying and correcting safety problems.
  - Apply principles of medical asepsis while caring for patient.
  - Demonstrate competency and improvement in performing fundamental skills in a safe, timely, and organized manner.
  - Identify growth and development concepts and begin to apply to patient situations.
- *TEACHING*

- Define the components of an individualized teaching plan designed to meet the educational needs of patients, families, and/or groups.
- *COLLABORATION*
  - Identify the roles of the various members of the health care team.
- *COORDINATION AND MANAGEMENT*
  - Recognize the various aspects of managing care that includes prioritization, collaboration, delegation, and supervision.

*NRSG 1720 - Medical-Surgical Nursing I*  
7 sem hrs cr (5 lecture; 2 clinical/lab)

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care including pharmacological management for adults with alterations in health that are primarily chronic in nature.

Prerequisite: NRSG 1710 Fundamentals in Nursing, BIOL 2010, ENGL 1010, PSYC 1030  
Prerequisite or Corequisite: BIOL 2020, MATH 1530

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **Student Learning Outcomes**

To successfully complete NRSG 1720, the student will be able to demonstrate the following competencies and behaviors:

- *PROFESSIONAL BEHAVIORS*
  - Conduct self in a professional manner in dress and conduct while caring for clients and interacting with clients, instructors, peers, and the health care team.
  - Practice within the legal, ethical and regulatory frameworks of the nursing profession and the standards of professional nursing practice.
  - Demonstrate accountability for nursing care given by self.
- *COMMUNICATION*
  - Demonstrate basic effective communication with clients and members of the healthcare team using oral, written, and electronic forms of communication.
  - Report and document assessments, interventions, and progress toward client outcomes with assistance of instructor.
- *ASSESSMENT*
  - Demonstrate the ability to collect subjective and objective data to identify actual or potential health alterations.
  - Perform physical and psychosocial assessments, utilize normal and abnormal findings and other supportive data to identify appropriate nursing diagnoses with instructor assistance.
  - Assess the client and significant support person(s) and identify learning strengths, barriers, and educational needs.

- *CLINICAL DECISION MAKING*
  - Formulate clinical decisions to provide safe and effective evidenced based nursing care.
  - Utilize assessment data to evaluate the client's condition, and, with instructor guidance, plan care.
  - Evaluate the client's progression toward planned outcomes, identify modifications to care which are needed to assist client to meet outcomes with instructor assistance.
- *CARING INTERVENTIONS*
  - Demonstrate caring interventions that incorporate principles of dignity, diversity, safety and knowledge.
  - Discuss the care regimen as prescribed by the health care provider with clinical instructor and health care team.
  - Continue to demonstrate competency in previously learned psychomotor skills and theory and apply these to the clinical setting.
  - Utilize theory knowledge regarding disease processes and human physiology to identify clinical signs and symptoms.
  - Plan care based on an understanding of disease process. Identify varied treatment modalities and implement with instructor assistance.
- *TEACHING*
  - Develop an individualized basic teaching s to meet the educational needs of patients, families, and/or groups.
  - With instructor guidance, teach the client and significant support person(s) the information and skills needed to achieve desired learning outcomes
  - Evaluate learning that has taken place and identify how the teaching plan may be modified.
- *COLLABORATION*
  - Collaborate with clients and significant support persons to identify health goals and promote optimal health maintenance
  - Identify and interact with members of the health care team who are involved in the coordination of cost effective, competent care with positive quality outcomes.
  - Interact with client, support person(s), clinical instructor, and members of the health care team to identify and solve problems which may impede the achievement of client goals and outcomes.
- *COORDINATION & MANAGEMENT*
  - Using basic principles of managing care, identify prioritization of client needs and nursing actions to ensure positive outcomes.
  - Discuss available resources, time constraints and environmental factors which impact the management of the client's care.

*NRSG 2240 - Professional Practice in Nursing*  
2 sem hrs cr (lecture)

This course examines management and leadership concepts, issues, roles and functions as applied to the role of the professional nurse in various healthcare settings. Prerequisite: NRSG

2730 Medical-Surgical Nursing II, NRSG 1330 Pediatric Nursing, BIOL 2230; ENGL 1020, PSYC 2130, or COMM 2025 Prerequisite or Corequisite: ART 1035, ART 2000, ART 2020, ENGL 2045, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320, ENGL 2330, MUS 1030, or THEA 1030

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*NRSG 2730 - Medical-Surgical Nursing II*  
7 sem hrs cr (5 lecture; 2 clinical/lab)

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care including pharmacological management for adults with alterations in health that are primarily acute in nature.

Prerequisite: NRSG 1720 Medical-Surgical Nursing I, NRSG 1340 Mental Health Nursing Prerequisite or Corequisite: ENGL 1020, PSYC 2130, or COMM 2025; BIOL 2230

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**

**Student Learning Outcomes**

At the completion of this course, students will be able to demonstrate the following competencies and behaviors:

- *PROFESSIONAL BEHAVIORS*: Apply ethical, legal and regulatory frameworks of nursing and standards of professional nursing practice.
  - Conduct self in a professional manner in dress and conduct while caring for clients and interacting with clients, instructors, peers, and the health care team.
  - Practice within the legal, ethical and regulatory frameworks of the nursing profession and the standards of professional nursing practice.
  - Demonstrate accountability for nursing care given by self.
- *COMMUNICATION*: Apply effective communication techniques including information and technology.
  - Apply effective communication techniques with clients and members of the healthcare team using oral, written, and electronic forms of communication.
  - Report and document assessments, interventions, and progression toward client outcomes with minimal assistance of instructor.
  - Use course tools to communicate relevant, accurate, and complete information to clients, significant support persons, and health care team.
- *ASSESSMENT*: Assess subjective and objective data to identify actual or potential health alterations.

- Demonstrate the ability to collect subjective and objective data to identify actual or potential health alterations.
- Perform physical and psychosocial assessments, utilize normal and abnormal findings and other supportive data to identify appropriate nursing diagnoses with minimal instructor assistance.
- assess the client and significant support person(s) and identify learning strengths, barriers, and educational needs.
- Identify trends in laboratory findings and discuss nursing implications
- Assess community resources which are available to assist the client to meet health outcomes.
- **CLINICAL DECISION MAKING:** Use clinical decision making to provide safe and effective evidenced-based nursing care
  - Use clinical decision making to provide safe and effective evidenced based nursing care
  - Utilize assessment data to evaluate the client's condition, and plan care.
  - Evaluate the client's progression toward planned outcomes, identify modifications to care which are needed to assist client to meet outcomes.
- **CARING INTERVENTIONS:** Implement caring interventions that incorporate principles of dignity, diversity, safety and knowledge.
  - Implement caring interventions that incorporate principles of dignity, diversity, safety and knowledge.
  - Discuss the care regimen as prescribed by the health care provider with clinical instructor and health care team.
  - Continue to demonstrate competency in previously learned psychomotor skills and theory and apply these to the clinical setting.
  - Utilize theory knowledge regarding disease processes and human physiology to identify clinical signs and symptoms.
  - Plan care based on an understanding of disease process. Identify varied treatment modalities and implement with instructor assistance.
- **TEACHING:** Implement an individualized teaching plan to meet the learning needs of patients, families, and/or groups.
  - Implement an individualized basic teaching plan to meet the educational needs of patients, families, and/or groups.
  - Teach the client and significant support person(s) the information and skills needed to achieve desired learning outcomes
  - Evaluate learning that has taken place and identify how the teaching plan may be modified.
- **COLLABORATION:** Collaborate when planning and implementing care.
  - Collaborate with clients and significant support persons to identify health goals and promote optimal health maintenance
  - Identify and interact with members of the health care team who are involved in the coordination of cost effective, competent care with positive quality outcomes.
  - Interact with client, support person(s), clinical instructor, and members of the health care team to identify and solve problems which may impede the achievement of client goals and outcomes.

- **COORDINATION and MANAGEMENT:** Examine various principles of managing care.
  - Using basic principles of managing care, identify prioritization of client needs and nursing actions to ensure positive outcomes.
  - Discuss available resources, time constraints and environmental factors which impact the management of the client's care.
  - Identify aspects of the client's care which may be delegated to qualified assistive personnel with instructor guidance.

*NRSG 2740 - Medical-Surgical Nursing III*  
7 sem hrs cr (5 lecture; 2 clinical/lab)

This course applies the core concepts that provide the basis for the knowledge, skills, and attitudes that are essential for providing safe nursing care including pharmacological management for adults with alterations in health of a more complex nature. Prerequisite: NRSG 2730 Medical-Surgical Nursing II, NRSG 1330 Pediatric Nursing, BIOL 2230; ENGL 1020, PSYC 2130, or COMM 2025 Prerequisite or Corequisite: ART 1035, ART 2000, ART 2020, ENGL 2045, ENGL 2130, ENGL 2235, ENGL 2310, ENGL 2320, ENGL 2330, MUS 1030, or THEA 1030

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**  
**Student Learning Outcomes**

To successfully complete NRSG 2740, the student will be able to demonstrate the following competencies and behaviors:

- **PROFESSIONAL BEHAVIORS:** Apply ethical, legal and regulatory frameworks of nursing and standards of professional nursing practice.
  - Conduct self in a professional manner in dress and conduct while caring for clients and interacting with clients, instructors, peers, and the health care team.
  - Practice within the legal, ethical and regulatory frameworks of the nursing profession and the standards of professional nursing practice.
  - Demonstrate accountability for nursing care given by self and delegated to others.
- **COMMUNICATION:** Apply effective communication techniques including information and technology.
  - Apply effective communication techniques with clients and members of the healthcare team using oral, written, and electronic forms of communication.
  - Report and document assessments, interventions, and progression toward client outcomes.
  - Use course tools to communicate relevant, accurate, and complete information to clients, significant support persons, and health care team.
- **ASSESSMENT:** Assess subjective and objective data to identify actual or potential health alterations.

- Demonstrate the ability to collect subjective and objective data to identify actual or potential health alterations.
- Perform physical and psychosocial assessments, utilize normal and abnormal findings and other supportive data to identify appropriate nursing diagnoses.
- Assess the client and significant support person(s) and identify learning strengths, barriers, and educational needs.
- Identify trends in laboratory findings and discuss nursing implications
- Assess community resources which are available to assist the client to meet health outcomes.
- **CLINICAL DECISION MAKING:** Use clinical decision making to provide safe and effective evidenced-based nursing care.
  - Use clinical decision making to provide safe and effective evidenced based nursing care.
  - Utilize assessment data to evaluate the client's condition, and plan care.
  - Evaluate the client's progression toward planned outcomes, identify modifications to care which are needed to assist client to meet outcomes.
- **CARING INTERVENTIONS:** Implement caring interventions that incorporate principles of dignity, diversity, safety, and knowledge.
  - Implement caring interventions that incorporate principles of dignity, diversity, safety, and knowledge.
  - Discuss the care regimen as prescribed by the health care provider with clinical instructor and health care team.
  - Continue to demonstrate competency in previously learned psychomotor skills and theory and apply these to the clinical setting.
  - Utilize theory knowledge regarding disease processes and human physiology to identify clinical signs and symptoms.
  - Plan care based on an understanding of disease process. Identify varied treatment modalities and implement with instructor assistance.
- **TEACHING:** Implement an individualized teaching plan to meet the learning needs of patients, families, and/or groups.
  - Implement an individualized basic teaching s to meet the educational needs of patients, families, and/or groups.
  - Teach the client and significant support person(s) the information and skills needed to achieve desired learning outcomes
  - Evaluate learning that has taken place and identify how the teaching plan may be modified.
- **COLLABORATION:** Collaborate when planning and implementing care.
  - Collaborate with clients and significant support persons to identify health goals and promote optimal health maintenance
  - Identify and interact with members of the health care team who are involved in the coordination of cost effective, competent care with positive quality outcomes.
  - Interact with client, support person(s), clinical instructor, and members of the health care team to identify and solve problems which may impede the achievement of client goals and outcomes.
- **COORDINATION & MANAGEMENT:** Examine various principles of managing care.

- Using basic principles of managing care, identify prioritization of client needs and nursing actions to ensure positive outcomes.
- Discuss available resources, time constraints and environmental factors which impact the management of the client's care.
- Identify aspects of the client's care which may be delegated to qualified assistive personnel with instructor guidance.

### **Physical Education: Activity Courses**

#### *PHED 1010 - Badminton*

1 sem hr cr (2 hours per week)

This course is designed to develop basic skills and understanding of badminton.

*Formerly/Same As* (Formerly PED/HPE 1010)

**Transfer (UT) or Non-Transfer Course (UN): UN**

#### *PHED 1020 - Volleyball*

1 sem hr cr (2 hours per week)

This course is designed to develop basic skills and understanding of volleyball.

*Formerly/Same As* (Formerly PED/HPE 1020)

**Transfer (UT) or Non-Transfer Course (UN): UN**

#### *PHED 1030 - Aerobic Walking*

1 sem hr cr (2 hours per week)

This course is designed for individuals who want to begin a physical fitness program or further develop a walking program already in place.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly PED/HPE 1030)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **Master Course Syllabus**

#### **OBJECTIVES**

- Students will log in frequently and complete all assignments.
- Students will be able to walk 2 to 3 miles during a 50-minute time span.



## **GOAL**

- Students will develop and improve upon cardiovascular fitness, flexibility, and muscle tone.

### *PHED 1060 - Basketball*

1 sem hr cr (2 hours per week)

This course teaches the basic fundamentals of basketball through practice and playing games.

*Formerly/Same As* (Formerly PED 1060)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### *PHED 1140 - Soccer*

1 sem hr cr (2 hours per week)

This course is designed to develop an understanding of the rules of soccer and an acquisition of basic skills.

*Formerly/Same As* (Formerly PED/HPE 1140)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### *PHED 1150 - Body Building and Weightlifting*

1 sem hr cr (2 hours per week)

This course is designed for body building and conditioning through the use of weights and a gym machine.

*Formerly/Same As* (Formerly PED/HPE 1150)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### *PHED 1160 - Yoga*

1 sem hr cr (2 hours per week)

This course provides the student with a basic understanding of the principles of yoga exercise. The student will learn the basic physical postures, and breathing, stress reduction, and relaxation techniques. Yoga exercises increase strength, muscle tone, and flexibility; improve posture; and aid in relaxation.

**Transfer (UT) or Non-Transfer Course (UN): UN**

*PHED 1190 - Body Aerobics*  
1 sem hr cr (2 hours per week)

This course focuses on developing and accomplishing the objectives of an individual workout program. Activities include use of weights, jogging, jumping rope, aerobic exercise, minitramp, stationary bike etc. Other fitness topics include food value and stress control.

*Formerly/Same As* (Formerly PED/HPE 1190)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*PHED 1210 - Conditioning Exercises*  
1 sem hr cr (2 hours per week)

The course focuses on an individualized exercise program to meet the student's needs and goals to improve physical fitness. The student's individually designed program may address cardiovascular fitness, muscular strength and endurance, flexibility, and/or body composition and weight control using a variety of exercise choices.

*Formerly/Same As* (Formerly PED/HPE 1210)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*PHED 1240 - Jogging for Fitness*  
1 sem hr cr (2 hours per week)

This course is designed to help the student develop jogging as a technique of exercise and to improve physical fitness.

*Formerly/Same As* (Formerly PED/HPE 1240)

**Transfer (UT) or Non-Transfer Course (UN): UN**

*PHED 1410 - Varsity Athletics I*  
1 sem hr cr

Students participating on the appropriate varsity athletic team will register for "Varsity Athletics." No student will be allowed to register without the approval of the varsity coach.

This course may not be used to meet the minimum physical education activity requirement.  
*Formerly/Same As* (Formerly PED/HPE 1410)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**Master Course Syllabus**  
**Student Learning Outcomes**

By the end of the course, students will be able to...

- improve the mental attitude and physical skills so the student athlete can further his education and athletic career at a two-year college.
- demonstrate an overall understanding of the sport of participation.
- demonstrate the correct fundamental of sport of participation.
- to provide the student athlete with the knowledge needed to compete at the junior college level.
- apply the skills & techniques learned in practice to actual performance situations.
- expand on the course material & deduce a style of training & preparation for competition.
- give each athlete the opportunity to grow as a person.
- show the discipline necessary to become a better athlete and to compete at the collegiate level.
- help team members to accept and understand responsibility.
- demonstrate how to chart stats for future reference.
- describe how to scout opponents to prepare for future competition.
- demonstrate various coaching techniques & drills for preparing a team for competition.
- to instill principles of sportsmanship and leadership.
- demonstrate the abilities to get along with teammates, understanding the importance of working together for the betterment of the *team*.
- develop and demonstrate leadership qualities needed to pass on to the younger members of the *team*.

### *PHED 1420 - Varsity Athletics II*

1 sem hr cr

This course is a continuation of PHED 1410. No student will be allowed to register without the approval of the varsity coach.

This course may not be used to meet the minimum physical education activity requirement.  
*Formerly/Same As* (Formerly PED/HPE 1420)

### **Transfer (UT) or Non-Transfer Course (UN): UN**

#### **Master Course Syllabus**

#### **Student Learning Outcomes**

By the end of the course, students will be able to...

- improve the mental attitude and physical skills so the student athlete can further his education and athletic career at a two-year college.
- demonstrate an overall understanding of the sport of participation.
- demonstrate the correct fundamental of sport of participation.
- to provide the student athlete with the knowledge needed to compete at the junior college level.
- apply the skills & techniques learned in practice to actual performance situations.

- expand on the course material & deduce a style of training & preparation for competition.
- give each athlete the opportunity to grow as a person.
- show the discipline necessary to become a better athlete and to compete at the collegiate level.
- help team members to accept and understand responsibility.
- demonstrate how to chart stats for future reference.
- describe how to scout opponents to prepare for future competition.
- demonstrate various coaching techniques & drills for preparing a team for competition.
- to instill principles of sportsmanship and leadership.
- demonstrate the abilities to get along with teammates, understanding the importance of working together for the betterment of the *team*.
- develop and demonstrate leadership qualities needed to pass on to the younger members of the *team*.

### *PHED 2990 - Independent Study in Physical Education*

1-5 sem hrs cr

The Independent Study in Physical Education is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### Physical Science

#### *PSCI 1030 - Survey of Physical Science*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is a study of selected topics from general physics and general chemistry. Subject matter includes such topics as forces, laws of motion, light, heat, atoms, molecules, and reactions. Prerequisite: Exemption from or completion of learning support competency courses. Completion of MATH 1010 is recommended.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Course Outcomes**

After completing the requirements of PSCI 1030, students will be able to...

- conduct an experiment, collect and analyze data, and interpret results in a laboratory setting.
- analyze, test, and evaluate a scientific hypothesis.
- use basic scientific language and processes and be able to distinguish between scientific and non-scientific explanations.
- identify unifying principles and repeatable patterns in nature and apply them to problems or issues of a scientific nature.
- analyze and discuss the impact of scientific discovery on human thought and behavior.

### **Student Learning Outcomes**

- Obtain a broad overview of the physical sciences
- Gain working knowledge of classical mechanics and Newton's Laws of Motion
- Gain an understanding of electricity and magnetism
- Obtain an overview of atomic structure and basic chemical properties of matter
- Learn the fundamentals of waves and sounds
- Review the properties of the Earth and the Universe around us

## **Physics**

### *PHYS 1030 - Survey of Physics*

4 sem hrs cr

A one-semester introductory physics course for non-science majors. This course emphasizes understanding the nature of physics and applying physics concepts in everyday life. Basic algebra is required to understand and apply the physics concepts. Course topics include mechanical motion, energy, temperature and heat, fluids, electricity, magnetism, wave motion, and light. Three hours lecture and three hours laboratory. Prerequisite: Completion of or exemption from learning support math.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UN**

### *PHYS 2010 - Non-Calculus Physics I*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is an applied physics study of the basic laws and principles of technical measurement, forces, vectors, equilibrium, velocity and acceleration, work, energy, and power, basic laws and principles of rotational motion, simple machines, and properties of solids and fluids. Prerequisite: Completion of [MATH 1710 AND (either MATH 1720 or MECH 1320)] **OR** one of the following: MATH 1730, MATH 1830, or MATH 1910

All MATH prerequisites must be completed with a grade of "C" or higher.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly PHY 2110)*

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

#### **Course Outcomes**

After completing the requirements of PHYS 2010, students will be able to...

- conduct an experiment, collect and analyze data, and interpret results in a laboratory setting.
- analyze, test, and evaluate a scientific hypothesis.
- use basic scientific language and processes, and be able to distinguish between scientific and non-scientific explanations.
- identify unifying principles and repeatable patterns in nature and apply them to problems or issues of a scientific nature.
- analyze and discuss the impact of scientific discovery on human thought and behavior.

#### **Student Learning Outcomes**

- Apply significant figure rules to numbers and calculations
- Obtain a working knowledge of vector algebra
- Differentiate between scalar and vector physical quantities
- Apply kinematics formulas to straight-line and projectile motion problems
- Understand and apply Newton's Laws of Motion in static and dynamic force problems
- Develop an understanding of circular motion and the Law of Gravitation
- Solve problems in the areas of work, energy, power, and momentum
- Understand and apply the laws of conservation of energy and momentum
- Obtain a working knowledge of wave motion and wave harmonics

*PHYS 2020 - Non-Calculus Physics II*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This course is an applied physics study of temperature, heat transfer, heat gas laws and thermodynamic applications, basic laws and principles of electrostatics, direct current, magnetism, alternating current, sound, light and nuclear physics. Prerequisite: Completion of PHYS 2010 Non-Calculus Physics I with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

### **Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Objectives**

- Obtain an introductory knowledge of electromagnetism and circuits
- Receive introduction to optics, electromagnetic waves, and modern physics

*PHYS 2110 - Calculus-Based Physics I*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This calculus-based course is intended for science and engineering students. Subjects covered include mechanics, heat and thermodynamics, and waves. Prerequisite: Exemption from or completion of learning support competency courses and completion of MATH 1910

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly PHY 2310)

### **Transfer (UT) or Non-Transfer Course (UN): UT**

## **Master Course Syllabus**

### **Course Outcomes**

After completing the requirements of PHYS 2110, students will be able to...

- conduct an experiment, collect and analyze data, and interpret results in a laboratory setting.
- analyze, test, and evaluate a scientific hypothesis.
- use basic scientific language and processes and be able to distinguish between scientific and non-scientific explanations.
- identify unifying principles and repeatable patterns in nature and apply them to problems or issues of a scientific nature.
- analyze and discuss the impact of scientific discovery on human thought and behavior.

### **Student Learning Outcomes**

- Apply significant figure rules to numbers and calculations
- Obtain a working knowledge of vector algebra
- Differentiate between scalar and vector physical quantities
- Apply kinematics formulas to straight-line and projectile motion problems
- Understand and apply Newton's Laws of Motion in static and dynamic force problems
- Develop an understanding of circular motion and the Law of Gravitation
- Solve problems in the areas of work, energy, power, and momentum
- Understand and apply the laws of conservation of energy and momentum
- Obtain a working knowledge of wave motion and wave harmonics
- Understand the principles of buoyancy, pressure, and fluid flow

*PHYS 2120 - Calculus-Based Physics II*

4 sem hrs cr

(3 hours lecture-3 hours lab)

This calculus-based course is intended for science and engineering students. Subjects covered include electricity and magnetism, light and optics, and selected topics from modern physics. Prerequisite: Exemption from or completion of ENGL 0810 & READ 0810; PHYS 2110 with a grade of "C" or higher; and MATH 1920 with a grade of "C" or higher

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As (Formerly PHY 2320)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

After completing the requirements of PHYS 2120, students will be able to...

- conduct an experiment, collect and analyze data, and interpret results in a laboratory setting.
- analyze, test, and evaluate a scientific hypothesis.
- use basic scientific language and processes and be able to distinguish between scientific and non-scientific explanations.
- identify unifying principles and repeatable patterns in nature and apply them to problems or issues of a scientific nature.
- analyze and discuss the impact of scientific discovery on human thought and behavior.

**Student Learning Outcomes**

- Demonstrate the existence of two kinds of electric charge, verify, and explain the first law of electrostatics using appropriate lab materials
- Define and illustrate an understanding of the concepts of electric field, electric field intensity, and electric field lines
- Distinguish by definition and example between electric potential energy and electric potential difference
- Understand the relationship between capacitance, voltage, and charge
- Apply a basic understanding of voltage, current, and resistance in D.C. circuits
- Demonstrate an understanding of magnetic forces, magnetic field lines, and the modern-day theory of magnetism
- Obtain a working knowledge of geometrical optics and optical instruments
- Understand the relationship between wave optics and interference and diffraction



### *PHYS 2990 - Independent Study in Physics*

1-5 sem hrs cr

The Independent Study in Physics is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly PHY 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Political Science**

#### *POLS 1030 - American Government*

3 sem hrs cr

This course is a study of the basic features of American government with emphasis on constitutional principles and the structure and functions of the three branches of national government. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly POL 1110)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Intended Student Learning Outcomes (Goals and Objectives)**

- Develop a knowledge, an understanding, and an appreciation of the constitutional principles of American national government and of the forms, functions, and operations of the executive, legislative, and judicial branches of the national government
- Prepare students for more informed, and responsible citizenship
- Lay a foundation for advanced courses
- Help students develop a better perspective on current political events, demonstrating that few basic political phenomena are uniquely modern
- Help students prepare for such careers as teaching, law, government and politics
- Develop such basic skills as reading, listening, and written and oral expression

#### **Student Learning Outcomes (Objectives)**

- Describe and explain the origins of politics

- Define and explain basic political terms
- Describe the origins of American government
- Distinguish between the formal constitution and informal constitution
- Describe the basic features of the formal constitution
- Describe the formal methods of amending the constitution
- Describe the informal methods of amending the constitution
- Describe the basic features of the American federal system of government
- Examine the major decisions of the United States Supreme Court relating to the First amendment
- Define the basic terms and concepts relating to civil rights and liberties and describe major decisions of the United States Supreme Court relating to civil rights
- Describe the nature of political interest groups and their efforts to influence public policy
- Define terms and concepts relating to citizenship
- Describe the process of naturalization
- Examine Supreme Court decision relating to citizenship
- Describe the origins and development of American political parties
- Explain voter behavior on the basis of economic status, education, sex, and race
- Describe party organization in the United States
- Describe methods used in United States history to nominate candidates
- Describe methods of financing political campaign
- Contrast the original method of electing the president with the revised method
- Describe the methods of nominating presidential candidates and proposed nomination reforms
- Describe the method of electing the president and the proposed reforms in electing the president
- Describe the organization and composition of Congress
- Explain the congressional committee system
- Describe the powers of Congress
- Describe how a bill becomes a law
- Describe the different roles of the president
- Describe the constitutional powers of the president
- Describe other sources of presidential powers
- Describe the expansion of presidential power over our history
- Describe restraints on presidential power
- Explain the role of the president in foreign affairs
- Trace the history of American foreign policy
- Describe the functions of the executive departments and the major independent regulatory agencies
- Explain the origin of judicial review
- Explain judicial review within the American political system
- Explain the role of the Supreme Court in the making of public policy
- Explain the structure of federal courts
- Explain the selection of federal judges
- Explain the formulating and implementing of public policy

*POLS 2025 - State and Local Government*

3 sem hrs cr

This course is a study of the forms and functions of state and local government in the United States, with particular emphasis on government in the state of Tennessee. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly POL 1130, PS 2020, POL 1120, POLS 2010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

Throughout the course, students will have the opportunity to...

- describe a federal system and contrast it with a unitary system of government.
- describe the pluralist model and contrast it with the power-elite model.
- explain lobbying at the national level.
- explain lobbying at the state level.
- explain the differences among the party systems of the fifty states.
- describe the interplay of national and state politics.
- describe the different types of primaries.
- describe the main features of elections for state offices.
- describe the typical features of state constitutions.
- describe the amendatory process for state constitutions.
- describe the characteristics, organization, and procedures of state legislatures.
- explain the pros and cons of bicameralism and unicameralism.
- explain the major United States Supreme Court cases dealing with legislative reapportionment.
- explain recent trends regarding the office of governor.
- describe the proposal to reorganize the executive branch of state governments and the effects of reorganization.
- explain the legislative and judicial functions of governors.
- describe the emergency powers of governors.
- explain the role of judges as policy makers.
- describe features of minor courts.
- describe the general functions of trial courts.
- describe the important powers of appellate courts.

- explain the major ways in which state judges are chosen.
- describe the movement to reform state judicial systems.
- describe state administration.
- describe state-local relations.
- describe basic features of county government.
- describe basic features of municipal government.
- describe metropolitanism.
- describe state and local policy making.
- describe how state and local governments are financed and staffed.
- describe the development of Tennessee's constitution.
- describe the methods of amending the Tennessee constitution.
- describe the main features of Tennessee's election laws.

*POLS 2990 - Independent Study in Political Science*

1-5 sem hrs cr

The Independent Study in Political Science is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly POL 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Psychology**

*PSYC 1030 - Introduction to Psychology*

3 sem hrs cr

This is an introductory survey course focused on the scientific study of behavior and mental processes. Topics include the history of psychology, critical thinking and research methods in psychology, the biological and psychological bases of consciousness, sensation, perception, memory, learning, cognition, development across the lifespan, motivation, emotion, sexuality, stress and health, social psychology, personality, psychological disorders, and psychological therapies. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly PSY 1310, PSY 1320; PSY 1410)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Course Objectives**

- Develop knowledge and comprehension of the biopsychosocial model and the basic foundational content domains (i.e., consciousness, lifespan development, sexuality, sensation, perception, learning, memory, cognition, intelligence, language, motivation, emotion, stress, social psychology, personality, psychological disorders, therapy) comprising psychological science
- Recognize the importance of the scientific method, critical thinking, and empirical research methods in psychological science
- Explore the neuroanatomy and working of the brain and the biology of behavior
- Explore training requirements and career fields in psychology
- Apply concepts in psychological science to everyday life

**Student Learning Outcomes** (from APA Introductory Psychology Initiative, July 2021)

- *Psychology Content: Identify basic concepts and research findings*
  - Define, recognize, and recall basic psychological concepts
  - Interpret research findings related to psychological concepts
  - Recognize and apply psychological principles to personal growth and other aspects of everyday life
- *Scientific Thinking: Solve problems using psychological methods*
  - Identify the advantages and limitations of research strategies
  - Draw logical and objective conclusions about behavior and mental processes from empirical evidence
  - Examine how psychological science can be used to counter unsubstantiated statements, opinions, or beliefs

*PSYC 1040 - Abnormal Psychology*

3 sem hrs cr

This course examines concepts related to psychopathology and behavior disorders with emphasis on maladaptive social behavior. Topics include adjustment disorder, personality disorders, anxiety-based disorders, and psychotic disorders. Prerequisite: PSYC 1030 and documented eligibility for collegiate-level English

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

Formerly/Same As (Formerly PSY 2900)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Analyze the history of the mental disorders (psychopathology) and their treatments
- Develop knowledge and comprehension of the major models of abnormality
- Analyze the taxonomy of mental disorders in the *Diagnostic and Statistical Manual of Mental Disorders-5 (DSM 5)*
- Understand the major symptoms, features, diagnostic criteria, etiology, and clinical course of the major disorders including anxiety, mood, somatic, substance abuse, sexual dysfunctions, paraphilias, psychotic, personality, childhood, and neurocognitive disorders
- Recognize the major methods of clinical assessment and their relative strengths and limitations
- Analyze major forms of psychological and biomedical treatments for mental disorders, and the major types of mental health care professionals

**Student Learning Outcomes (from APA Introductory Psychology Initiative, July 2021)**

- *Psychology Content*: Identify basic concepts and research findings
  - Identify and distinguish the key themes and concepts of the major models of abnormality
  - Identify the relative contributions of biology, psychology, and culture to the genesis and treatment of psychological disorders from research findings
  - Understand the taxonomy of psychological disorders in the *DSM-5*
  - Analyze the various approaches to the clinical assessment and diagnosis of psychological disorders
  - Identify the major approaches to evidence-based treatment of psychological disorders
  - Identify the major mental health care professionals and their expertise
- *Scientific Thinking*: Solve problems using psychological methods
  - Describe how research in psychological science informs public policy, the criminal justice system, and the mental health care delivery system in dealing with persons suffering with psychological disorders
  - Describe how technology, business models, economics, and the insurance system influences the treatment of persons with psychological disorders
  - Describe the role of psychological science and research in the use of the Not Guilty by Reason of Insanity Defense

*PSYC 2014 - Psychology of Human Sexuality*

3 sem cr hrs

This course is a study of the biological, psychological, and psychosocial bases and manifestations

of human sexual behavior. Topics include sex in history, theory and research in sexuality, anatomy and physiology of sex, sex in the context of human relationships, gender development and identity, sexuality and the lifecycle, pregnancy and childbirth, sexual dysfunctions and disease, sexual deviancy, and sex in society. Prerequisite: PSYC 1030 and documented eligibility for collegiate-level English

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly PSY 2010)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **Course Objectives**

- Develop a working knowledge of human sexuality's major content domains including sexual anatomy
- Explore the biological, psychological, social, and moral development of gender roles, sexual expression, sexual orientation, and sexual behaviors
- Explain the features of intimate relationships with respect to diverse cultures across the lifespan
- Describe common sexually transmitted infections and sexual disorders
- Evaluate the applications of psychological science in human sexuality
- Demonstrate an ability to articulate controversial topics in sexuality in an objective way

#### **Student Learning Outcomes**

- *Psychology Content: Identify basic concepts and research findings*
  - Explain the biopsychosocial and moral development and basis for sex and sexuality
  - Provide examples and applications of the ways culture influences intimate and sexual relationships across the lifespan
  - Analyze information pertaining to sexual health and sexual disorders
- *Scientific Thinking: Solve problems using psychological methods*
  - Demonstrate the ability to think critically about major content areas in human sexuality
  - Improve understanding of sexual health and behaviors through evaluation of scientific information
  - Examine how psychologists use research methods address popular myths in human sexuality

*PSYC 2120 - Social Psychology*

3 sem hrs cr

This course is the scientific study of how people's thoughts, emotions, and behaviors are influenced by other people. Topics include social cognition, self-presentation, attitude formation, persuasion, social influence, affiliation, interpersonal attraction, prejudice and stereotyping, aggression, and prosocial behavior. Prerequisite: PSYC 1030 and documented eligibility for collegiate English

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly PSY 2210)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Understand the duplex mind and major content areas in social psychology
- Evaluate the function of culture and nature as it applies to social psychology
- Engage in critical thinking by use of the scientific method
- Demonstrate effective scientific writing
- Enhance teamwork capacity through the evaluation of behaviors in groups

**Student Learning Outcomes**

- *Psychology Content:* Identify basic concepts and research findings
  - Describe cognitive vulnerabilities and their relationship to the duplex mind
  - Apply major concepts of social psychology to everyday life
  - Articulate the complex relationship between nature and nurture
  - Express ideas in writing that demonstrate a meaningful understanding of social psychology concepts
  - Collaborate successfully with classmates on assignments that require cooperation (i.e., discussion board in online classes or group work for in-person classes)
- *Scientific Thinking:* Solve problems using psychological methods
  - Use appropriate level of skepticism, humility, and curiosity to evaluate psychological research
  - Draw appropriate conclusions about human behavior and cognition based on scientific evidence

*PSYC 2130 - Lifespan Development Psychology*

3 sem cr hrs



This course is a study of the biological, psychological, and psychosocial bases of human development from conception through death. Topics include current research and theory pertaining to the physical, cognitive, personality, psychological, emotional, and social development across the lifespan. Prerequisite: PSYC 1030 and documented eligibility for collegiate English

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly PSY 2300)*

### **Transfer (UT) or Non-Transfer Course (UN): UT**

#### **Master Course Syllabus**

##### **Course Objectives**

- Develop knowledge and comprehension of the major themes, concepts, and theories in lifespan development psychology
- Examine the major cognitive, physical, and socioemotional milestones associated with the various stages of development (i.e., prenatal, newborn, infancy, toddlers, childhood, adolescence, emerging adulthood, middle age, and old age)
- Understand the major developmental theories of Piaget, Erikson, and Vygotsky
- Recognize and understand the strengths and weaknesses of the major research approaches used in developmental psychology research
- Recognize and apply lifespan development psychology concepts in everyday life

##### **Student Learning Outcomes**

- *Psychology Content:* Identify basic concepts and research findings
  - Define, recognize, and recall basic developmental psychology concepts
  - Interpret research findings related to developmental psychology concepts
  - Recognize and apply principles of developmental psychology to personal growth and other aspects of everyday life
- *Scientific Thinking:* Solve problems using psychological methods
  - Evaluate the impacts of biological temperament as well as internalizing and externalizing tendencies as an evocative force in parent-child relationships
  - Evaluate the use of corporal punishment with children in light of the empirical scientific evidence
  - Evaluate and associate Baumrind's parenting styles with childhood behavior and emotional outcomes

*PSYC 2990 - Independent Study in Psychology*

1-5 sem hrs cr

The Independent Study in Psychology is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly PSY 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Service Learning**

*SRVL 1010 - Service Learning*  
3 sem hrs cr

This course is designed to engage students in active roles of service learning through partnership with local and/or national service agencies. Students will complete a minimum of 20 hours of volunteer service in addition to weekly classroom meetings. Students must submit a portfolio, completed project or product, or a summative presentation at the end of the semester.

This course will transfer as lower-division elective credit.

Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Sociology**

*SOCI 1010 - Introduction to Sociology*  
3 sem hrs cr

This course identifies basic human relationships essential to survival in modern society and seeks to assist students in understanding and applying this knowledge in everyday life. Topics include introduction to sociology, culture, inequality and social class, political and economic orders, and the changing society. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly SOC 1010, SOC 2110)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**GOALS**

Students in this course will...

- be able to identify the key theoretical perspectives and explain how the insights generated by these perspectives inform sociology.
- be able to identify and employ various research designs and their appropriate application to the study of social life.
- identify early theorists in sociology and their contributions to society.
- define deviance and identify theories as to why some people become deviant.
- describe the difference between race and ethnicity.
- identify and describe subculture and countercultures.
- define social class and explain the consequences of social class.

**OBJECTIVES**

- Understand and explain various sociological points of views
- Analyze the strengths and weaknesses of various research designs
- Summarize the major contributions of sociology's pioneers: Comte, Martineau, Spencer, Marx, Durkheim, and Weber
- Explain the functions and dysfunctions of deviance
- Describe the characteristics of the major racial and ethnic groups in the United States
- Compare and contrast the various types of societies
- Describe the characteristics of each of the social classes in the United States and the most commonly used approach

**COURSE TOPICS**

- Understanding Sociology
- Sociological Research
- Culture
- Socialization and the Life Course
- Social Interaction, Groups, and Social Structure
- The Mass Media
- Deviance and Social Control
- Stratification and Social Mobility in the United States
- Global Inequality
- Racial and Ethnic Inequality
- Stratification by Gender
- The Family and Intimate Relationships
- Religion and Education
- Government and the Economy
- Health and the Environment
- Social Change in the Global Community

*SOCI 1030 - Introduction to Gender Studies*

3 sem hrs cr

This course will enable the student to understand the various roles and identities of women in society and the interconnectedness of micro and macro level issues. The student will be able to discuss topics such as the social construction of gender, patriarchy, media influence, and women's experiences with healthcare, education, family, work, and violence.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**STUDENT LEARNING OUTCOMES**

- To describe and critically assess biological, psychological, and sociological perspectives on sex and gender
- To explore how gender roles vary across cultures
- To understand how we are socialized into gendered roles in our families, schools, and at work
- To investigate the role that gender plays in creating social, economic, and political inequality in society
- To recognize the consequences of our gender categories for your intimate relationships and our health
- To discuss the role of social movements in challenging gender roles and expectations
- To reflect upon the future of gender in the US

**COURSE OBJECTIVES**

- Critically analyze and evaluate major feminist and gender theories
- Understand the historical and cultural diversity of gender constructs
- Explore and evaluate cross-cultural perspectives on gender relations
- Recognize the representations of gender and "difference" in society
- Investigate the political, economic, and social implications of gender constructs
- Explain how gender influences social institutions (families, the media, friendship and dating, etc.) and our ways of thinking
- Give examples of gender, race, class, nation, religion, and sexuality as interactive systems

**COURSE TOPICS/OVERVIEW**

- Biology and Gender
- Cross-Cultural Constructions of Gender
- Psychological Perspectives on Gender
- Social Construction of Gender
- The Gendered Family
- The Gendered Classroom
- Gender and Religion
- The Gendered Workplace
- The Gendered Media
- Gender and Politics

- Gendered Intimacies
- The Gendered Body
- The Gender of Violence

*SOCI 1040 - Social Problems*

3 sem hrs cr

The sociological perspective of the understanding of and solutions for some of the major current problems confronted in American society is examined. Included are such issues of social concern as poverty, social deviance, environment, energy, population, health, education, and medical care. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly SOC 1020, SOC 2120, SOCI 1020)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**GOALS**

Students in this course will be able to...

- differentiate between and apply the sociological theories of Structural Functionalism, Conflict, and Symbolic Interactionism to various social problems as a framework to understand their possible causes and solutions.
- explain the functions and dysfunctions of social problems.
- summarize the major contributions of sociology's pioneers: Comte, Martineau, Spencer, Marx, Durkheim, and Weber.
- compare and contrast the various types of societies.
- describe the characteristics of the major racial and ethnic groups in the United States.
- describe the characteristics of each of the social classes in the United States and the most used approach.

**OBJECTIVES**

Students in this course will be able to...

- practice understanding and explaining various sociological point of views.
- analyze the objective and subjective components of social problems.
- practice identifying methods appropriate for solving problems.
- practice recognizing various ways social problems affect our lives today.
- practice thinking critically and creatively about social problems.

*SOCI 2010 - Marriage and Family*

3 sem hrs cr

This course considers the customs and patterns of courtship and the problems of the modern family. Emphasis is placed on the problems of the family in an era of rapid social change; social, cultural, and personal factors relating to mate selection and family life; and family organization, disorganization, and reorganization. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly SOC 2200)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Goals and Objectives**

Throughout the course, students will have the opportunity to...

- identify the multiple definitions of the changing family including culture and theoretical frameworks.
- investigate the dynamics of intimate relationships including communication, communication problems, and intimacy.
- study the importance of gender roles, managing economic resources, friendships, dating, mate selection, love, and the status of being single.
- analyze the stages of married life including marital success, parenting, midlife, and older couples.
- define the challenges and obstacles to maintaining love and marriage including divorce, jealousy, control issues, and family violence.

**Student Learning Outcomes**

After completing the course, students will be able to...

- identify various definitions of the family including racial and ethnic variations in families, gender roles, family roles, and demographic characteristics.
- compare the major theoretical approaches to studying families and illustrate how each theory contributes to a better understanding of the family.
- use the different love types (friendship, romantic love, infatuation, marriage) to identify how they are related to the longevity of relationships.
- analyze the functions that families have traditionally performed and the changes in dating, intimacy, cohabitation, marriage, divorce, and parenting.

- define the major obstacles to love, including the consequences of communication difficulties, divorce, jealousy, and family violence.

*SOCI 2400 - Introduction to Criminology*

3 sem hrs cr

This course is a study of crime and criminal behavior. Topics examined include the nature of crime, its measurement and forms, the social dimensions and correlates of crime, major theories of criminal and delinquent behavior, and possible solutions to the crime problem.

*Formerly/Same As* (Same as CRMJ 2400)

(Formerly SOC 2400)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*SOCI 2550 - Understanding Terrorism*

3 sem hrs cr

This course is a survey course covering the historical background of terrorism as a criminal activity, terrorist typologies, the motivations behind terrorist activity, and the responses of the criminal justice system to terrorism. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Same as CRMJ 2550)

(Formerly SOC 2550)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*SOCI 2600 - Introduction to Gerontology*

3 sem hrs cr

This course will use a multidisciplinary approach towards understanding the process of aging. Gerontology is the study of inter-relatedness of biological, psychological, and social aspects of aging. This course will provide an overview of the major issues of aging and the social forces and institutions affecting older adults. No required prerequisites.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### *SOCI 2990 - Independent Study in Sociology*

1-5 sem hrs cr

The Independent Study in Sociology is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly SOC 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Social Work**

#### *SWRK 2010 - Introduction to Social Work*

3 sem hrs cr

This course examines the history, philosophy, professional mission, career patterns, practice, methods and present organization of the social work profession.

*Formerly/Same As* (Formerly SOC 2570)

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **GOALS**

Students should...

- gain an understanding of the social work profession.
- identify how social work evolved as a profession.
- gain greater insight into the social work field and the social systems.
- gain an understanding of the social service delivery system.
- gain knowledge about social work's values and ethics.
- examine the concept of social justice.
- gain awareness of the many differences in diversity among clients within the social work profession.
- understand generalist social work, including the processes for social work practice, the roles and functions of social work, and social policy.
- examine contemporary issues in fields of practice.

#### **OBJECTIVES**

At the end of this course, students will be able to...

- identify the social work profession: Who are social workers? What do social workers do? What is the purpose of their work?



- utilize critical thinking skills in identifying various dimensions of social work and its relationship to social welfare.
- demonstrate fundamental social work concepts.
- identify historical developments of social history, including pioneers in the field, social movements, and educational developments in social work.
- identify various social service settings, funding, staffing, and service-delivery issues.
- identify principles of ethics of the field in regards to societal ethics.
- discuss change-agent strategies that enhance the concept of social justice.
- identify human rights in society and the different "isms" that impact individuals.
- identify the importance of working with clients with diverse populations, including minority groups, race/ethnic diversity, differences in religion, and sexual diversity.
- examine the functions and roles of social work: consultancy, resource management, and education.
- determine social policy as a product and a process and discuss how social policy impacts the social work profession.
- examine contemporary issues within the social work profession: poverty, homelessness, criminal justice, unemployment, disabilities, mental health, and addiction.
- examine contemporary issues within the healthcare systems, working with family and youth, and among adult and aging services.

*SWRK 2030 - Introduction to Social Welfare and Policy*

3 sem hrs cr

Analysis of the development, structure and function of social welfare programs and policies.

Exploration of recurring themes and comparison to welfare policies around the globe.

Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Understand the historical impact of social policies
- Describe current theories and concepts on social welfare
- Examine relevant social policies in the United States and other countries
- Recognize the interaction between economics and government policy

**Student Learning Outcomes**

In alignment with the National Council on Social Work Education's core competences, Students completing the Social Work Associate of Arts (AA) or Associate of Science (AS) degrees in the Social Work academic program or Tennessee Transfer Pathway (TTP) have basic knowledge of the following:

*Competency 1: Advance Human Rights and Social, Racial, Economic, and Environmental Justice*

1. Analyze historical and current theories and issues around social problems and policies at the micro, mezzo, and macro levels
2. Identify the limitations of social welfare policies and social services

*Competency 2: Engage in Policy Practice*

1. Apply foundational skills to policy writing
2. Articulate the impact social policies have on social welfare

*SWRK 2045 - Introduction to Counseling*

3 sem hrs cr

Comparative analysis of major theoretical approaches to counseling and psychotherapy practice: psychodynamic, behavioral, cognitive behavioral, gestalt, rational emotive therapy, and systems theory. Prerequisite: Completion of or exemption from ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Identify the basic theories of counseling and psychotherapy
- Identify the application of these theories to the practice of counseling
- Identify the situations that are indicators of the appropriateness of a particular therapy
- Identify the personal qualities of the counselor as they relate to therapeutic effectiveness
- Demonstrate an integration of theoretical and experiential learning to begin the process of forming a personal model of counseling
- Identify and implement strategies for professional demeanor, and oral and written communication

**Student Learning Outcomes**

*Competency 1: Demonstrate Ethical and Professional Behavior*

1. Know the core values, ethics, and legal obligations of professional social workers
2. Attain a basic proficiency in ethical decision making
3. Gain proficiency in recording and documentation and appreciate the confidentiality of records

*Competency 2: Engage Anti-Racism, Diversity, Equity, and Inclusion in Practice*

1. Demonstrate appropriate professional integrity and apply social work values and ethics, respecting the dignity of the individual client's self-determination and human diversity
2. Become more self-aware as a potential helping professional

*Competency 3: Engage Practice-Informed Research and Research-Informed Practice*

1. Be able to apply the skills of social work interviewing including the phases of preparing, beginning, exploring, assessing, contracting, evaluating, and ending a client service process

2. Apply a generalist framework of knowledge, skills and values for entry-level social work practice based on a problem-solving process including engagement, assessment, planning, implementation, evaluation, termination, and follow-up with systems of various sizes
3. Attain proficiency in the interpersonal skills of talking and listening

*Competency 4: Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities*

1. Know the phases and processes of social work practice
2. Understand the essential facilitative qualities and the characteristics of professional social work
3. Conceptualize the rapport-building skills and attitudes of positive regard, empathy, genuineness, controlled emotional involvement, tolerance for human diversity, and practitioner optimism about the ability of individuals to change and demonstrate the ability to develop this rapport

*SWRK 2990 - Independent Study in Social Work*

1-5 sem hrs cr

The Independent Study in Social Work is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Spanish**

*SPAN 1010 - Beginning Spanish I*

3 sem hrs cr

This course emphasizes the essentials of Spanish grammar and develops reading, writing, and speaking skills in the language. Readings about Spanish cultures are included.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly SPA 1010)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Outcomes**

Upon successful completion of this course, students will be able to...

- use correct pronunciation, which, even if not perfect, does not obscure meaning.
- ask and answer simple questions in Spanish demonstrating understanding of both spoken and written Spanish.
- communicate using correct grammatical structures and vocabulary in spoken and written Spanish to convey intended meaning.
- demonstrate ability to listen to spoken Spanish at this level for general meaning and specific information.
- read and demonstrate understanding of simple Spanish in sentences and paragraphs, dialogues, short news articles, advertisements, itineraries, sayings, and other cultural information.
- write short narratives, descriptions, daily routines, and simple dialogues that reflect cultural themes demonstrating knowledge of structures and vocabulary taught.
- demonstrate an understanding of the relationship between the practices and perspectives of the cultures studied.
- demonstrate an understanding of the relationship between the products and perspectives of the cultures studied.
- acquire information and begin to recognize the distinctive viewpoints that are only available through the study of Spanish and its cultures.

*SPAN 1020 - Beginning Spanish II*

3 sem hrs cr

This course continues to emphasize the essentials of Spanish grammar and further develops reading, writing, and speaking skills. Readings about Spanish and South American cultures are included, and the literature of important Spanish authors, such as Cervantes, Espronceda, and Gaballero, is introduced. Prerequisite: SPAN 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As* (Formerly SPA 1020)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**  
**Course Outcomes**

Upon successful completion of this course, students will be able to...

- use correct pronunciation, which, even if not perfect, does not obscure meaning.

- ask and answer simple questions in Spanish, demonstrating understanding of both spoken and written Spanish.
- communicate using correct grammatical structures and vocabulary in spoken and written Spanish to convey intended meaning.
- demonstrate ability to listen to spoken Spanish at this level for general meaning and specific information.
- read and demonstrate understanding of simple Spanish in sentences and paragraphs, dialogues, short news articles, advertisements, itineraries, sayings, and other cultural information.
- write short narratives, descriptions, daily routines, and simple dialogues that reflect cultural themes demonstrating knowledge of structures and vocabulary taught.
- demonstrate an understanding of the relationship between the practices and perspectives of the cultures studied.
- demonstrate an understanding of the relationship between the products and perspectives of the cultures studied.
- acquire information and begin to recognize the distinctive viewpoints that are only available through the study of Spanish and its cultures.

*SPAN 2010 - Intermediate Spanish I*

3 sem hrs cr

This course combines grammar review with exercises for improving oral and written skills and includes readings in Spanish literature and culture. Prerequisite: SPAN 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly SPA 2010)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*SPAN 2020 - Intermediate Spanish II*

3 sem hrs cr

This course continues a grammar review and further develops oral and written skills. Readings from Spanish and Latin-America cultures and selections from Spanish authors are emphasized. Prerequisite: SPAN 2010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

*Formerly/Same As* (Formerly SPA 2020)

**Transfer (UT) or Non-Transfer Course (UN): UT**

*SPAN 2990 - Independent Study in Spanish*

1-5 sem hrs cr

The Independent Study in Spanish is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Speech**

*SPCH 2990 - Independent Study in Speech*

1-5 sem hrs cr

The Independent Study in Speech is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly COM 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Theatre**

*THEA 1015 - Acting I*

3 sem hrs cr

Fundamentals of acting process examined through improvisation, physical movement, characterization, text analysis, and basic acting techniques.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus  
Specific Course Objectives**

The student will...

- study understanding character as well as internal and external action.
- study the elements of characterization.
- perform monologues and scenes.

*THEA 1020 - Acting II*

3 sem hrs cr

This course is focused on performing in period and stylized drama. Students will develop skills in performing poetry and other heightened-language texts with an emphasis on Shakespeare.

This course may include proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details. Prerequisite: THEA 1015

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**General Objectives**

After completing the requirements of the Acting II course, students will...

- analyze one or more characters.
- demonstrate safe and effective use of the voice and body.
- speak fluently using poetic language including Iambic pentameter.

**Specific Objectives**

Throughout the course, students will...

1. perform a stylized monologue.
2. perform in a stylized scene with partner or partners.
3. demonstrate a working knowledge of poetic language as applied to a dramatic text.

*THEA 1025 - Stagecraft I*

3 sem hrs cr

Introduction to the various technical elements of theatre. Special emphasis is placed on the design and construction of stage scenery.

**Transfer (UT) or Non-Transfer Course (UN): UT**

*THEA 1030 - Introduction to Theatre*

3 sem hrs cr

This course provides an overview of theatre as an art form. Included in the course is the study of the development of drama, the theatre and an appreciation and understanding of the theatrical process.

This is not a production or performance course.

This course may include proctored exams which must be completed on campus or at an instructor approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

*Formerly/Same As (Formerly COM 1030)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

- To analyze major theatrical works as a form of cultural and creative expression
- To trace the development of the history of theatre in the world
- To examine how theatre is a reflection of the culture
- To study and analyze the components of theatrical writings
- To evaluate the roles of theatre practitioners

**Course Objectives**

The student will...

- study the theatrical event as it relates to the theatre and everyday life.
- study the composition of a theatrical event.
- study the forms of action as it relates to the plot, character, language, and inanimate elements of production.
- study various genres including tragedy, comedy, melodrama, and farce.
- learn to write a play critique.
- be introduced to the terminology of theatre.
- study the development of musical theatre.
- study the various characteristics of the people in theatre including the actor, playwright, director, and set designer.
- study the history of theatre in the world.

*THEA 1050 - Directing Theatre*

3 sem hrs cr

This course provides the fundamentals of directing for the stage. Topics include promptbook development, casting, rehearsal techniques, working with actors, and an appreciation of the historical development of the director's role as well as an appreciation and understanding of the theatrical process.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**General Objectives**

The student will...

- improve their grasp of the terminology of theatre.



- study how a director interacts with playwrights, actors, and designer.
- study various ways of directing tragedy, comedy, and musical theatre.
- study the historical development of directing for the stage.
- study the forms of intensifying the plot, character, language, and inanimate elements of production.
- study the theatrical event in context.
- study the composition of a theatrical event.
- learn how to improve an actor's work in a role.

### **Specific Objectives**

- Students must demonstrate knowledge in each of the following areas: playwrights, acting, aspects of design, theater spaces, and history.
- Students should attend class regularly and participate in class activities.
- Students will develop a promptbook for *Waiting for Godot*.
- Students are required to direct a scene from a play.

### *THEA 2011 - Production Practicum*

1 sem hr cr

This course provides students with an opportunity to participate in a theatrical production under faculty supervision practicing professional, organizational, and collaborative skills.

This course may include proctored exams which must be completed on campus or at an instructor-approved proctoring center which may require additional costs to the student. Please consult your instructor for additional details.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **Master Course Syllabus**

#### **General Objectives**

Students will...

- analyze one or more characters.
- study the rehearsal process for a theatrical production.
- assist in the construction of the production props, costumes, and set.

#### **Specific Objectives**

- Students will understand the production sequence through participation in script selection; auditions; concepts, design, and construction; and rehearsals.
- Students will understand basic acting in a theatrical production.
- Students will participate in the rehearsal process for a theatrical production.
- Students will participate in a live performance with an audience.

### *THEA 2015 - Introduction to Theatre Design*

3 sem hrs cr

Theatre students will learn the basic elements of design as well as the process of theatrical design from play script to realized production.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Course Objectives**

- Explore/experience conceptualizing, visualizing, and communicating your ideas as a scenic designer
- Begin to develop your own processes and gain knowledge of other designers' methods
- Expand your artistic abilities, technical aptitude, mechanical drafting skills, and model-building skills—you will untap hidden talents!
- Acquire presentation skills necessary to professionally present and discuss your work and constructively respond to the work created by your peers

*THEA 2020 - Children's Drama*

3 sem hrs cr

Training is provided in story-telling, creative dramatics, and acting in children's drama. This course is recommended for students with an interest in drama and for those who plan a career working with children, particularly in education.

May be repeated for credit a maximum of two times to apply toward graduation.

*Formerly/Same As (Formerly COM 2020)*

**Transfer (UT) or Non-Transfer Course (UN): UT**

*THEA 2030 - Script Analysis for the Theatre*

3 sem hrs cr

Theatre students learn to analyze plays for the purpose of directing, designing, or acting in productions for the stage. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**Master Course Syllabus**

**Student Learning Outcomes**

- To develop formalist techniques for analyzing a script
- To cultivate vocabulary for discussing scripts
- To compare cultures, philosophies, and ideologies as revealed in dramatic literature
- To apply personal analysis to real world context as a director, designer, or actor

## Course Objectives

The student will...

- cultivate a curiosity for reading plays.
- integrate the written work with stagable ideas and themes from a script.
- establish a script as a blueprint for embodied performance.
- increase appreciation for the author's intent and historical research.

### *THEA 2990 - Independent Study in Theatre*

1-5 sem hrs cr

The Independent Study in Theatre is a specially designed course for students interested in pursuing specific study projects under the supervision of a discipline instructor and approved by an advisor, the course instructor, and the appropriate Department Lead.

No more than six semester hours in Independent Study courses may be used in meeting minimum degree requirements. *Formerly/Same As* (Formerly COM 2990)

**Transfer (UT) or Non-Transfer Course (UN): UT**

## TN eCampus courses

### **ACCT 2341 - Cost Accounting**

3 sem hrs cr

This course introduces the student to the processes used to prepare cost accounting information for decision making in internal operations. Prerequisite: ACCT 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

*Formerly/Same As* (Formerly ACCT 2610, ACT 2610)

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **BIOL 1020 - Diversity of Life with Lab**

4 sem hrs cr

This course introduces the student to the diversity of life on Earth. The course begins by introducing the ecological concepts that govern living organisms. This is followed by examining the diversity of organisms that serve as producers, consumers and decomposers in the environment. The final portion of the course explores the organization and systems of the human body.

NOTE: This course is intended for Non-Science majors. Prerequisite: Completion of or exemption from learning support writing and math competencies

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **BIOL 1430 - Nutrition**

3 sem hrs cr

The purpose of this course is to study nutrients and their relationship to human growth, development, and maintenance. Special emphasis is given to the role of foods and the nutrients they contain, with regard to the physiological, psychological, and sociological well-being of the individual. Practical analysis of food records and application of nutritional knowledge will be included. Prerequisite: Meet established entrance requirements for college-level courses or complete appropriate transitional prerequisite courses with a grade of "C" or better

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **BUSN 1301 - Legal Issues for the Web**

3 sem hrs cr

This course addresses Internet law and provides guidelines for legally putting existing material online, creating material specifically for the Internet, using material found on the Internet, e-commerce, and educational aspects of the Internet. Real-world examples are used to illustrate how the rules affect businesses. Students will work on real case studies and will have discussions on what they feel should be the correct outcome based on the law as learned through this course. Prerequisite: Reading and writing learning support competencies required at your institution or equivalent skills if the student is not required to take these competencies at their institution. The student must possess sufficient reading and writing skills to succeed in this course.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **BUSN 1370 - Spreadsheet Applications**

3 sem hrs cr

This course is designed to develop skills with spreadsheet software. Use and design of spreadsheets for practical business applications and business problem-solving will be an integral part of this course.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**BUSN 2320 - Business Finance**

3 sem hrs cr

This course examines financial principles, which may include financial statement analysis, risk and return relationships, time value of money, valuation of assets, capital budgeting, and working capital management. Prerequisite: ACCT 1010 and ACCT 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**BUSN 2350 - Organizational Behavior**

3 sem hrs cr

This course examines the importance of understanding human relations in the workplace and developing the skills necessary to foster more effective communication and motivation. It is designed to help you gain insights into specific people skills that you can use on the job to motivate people, communicate better, and create more effective teams. It provides a basic knowledge of behavior as it relates to the way people (individuals and groups) act in organizations as well as the organization system itself. It encompasses a wide range of topics such as values, attitudes, perception, and ethics of individuals, motivation of individuals and groups, team building, effective communication, leadership and management, conflict and negotiation, training and development, performance appraisals, and cultural changes.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**BUSN 2450 - E-Commerce**

3 sem hrs cr

A study of electronic commerce and its impact on business. The course provides a framework for understanding electronic commerce, including possible marketing opportunities, as well as implementation and organization issues involved in capitalizing on electronic commerce. Prerequisite: Students must be able to read and write at the college level. Students will be expected to write and express themselves in grammatically correct, concise, standard English. Grades will be based on writing skills, content, thorough research effort and timeliness.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**CHEM 1020 - Introduction to Chemistry II & Lab**

4 sem hrs cr

CHEM 1020 is intended to satisfy the chemistry requirement for several career programs and

satisfy part of the general education science requirement. The course will develop a variety of chemistry topics including nuclear chemistry; redox reactions and electrochemistry; the structure and nomenclature for organic compounds; the nature and properties of plastics and polymers; the nature and properties of drugs; the nature and properties of biochemical molecules, especially fats and oils, carbohydrates, and proteins and their relationship to nutrition; and the nature and properties of DNA and RNA and their relationship to heredity. These topics are developed on an as-needed basis in order to deal with a variety of societal issues. Prerequisite: CHEM 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **CITC 1310 - Programming I**

3 sem hrs cr

This course introduces the basic concepts of programming, problem solving, programming logic, and design techniques using an object-oriented language. The topics covered include the language syntax, functions, return types, and objects found in a current object-oriented programming language.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **CITC 1311 - Programming II**

3 sem hrs cr

This course is a continuation of CITC 1310 Programming I. It introduces the student to object-oriented programming. Topics include class creation, methods, events, inheritance, objects and error handling. Prerequisite: CITC 1310

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **CITC 1312 - Intro to .NET Programming**

3 sem hrs cr

An introductory study of object-oriented programming through the use and practical application of the language. Topics include classes, objects, methods, GUI programming, graphics, databases, XML, Web pages and Internet. Prerequisite: CITC 1310

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**CITC 1313 - .NET Programming**

3 sem hrs cr

This is a course in basic .NET programming language. Topics include basic concepts of programming, problem solving, programming logic and design techniques of an object-oriented language. The course also includes types, classes, inheritance, arrays, collections, delegates, events and debugging. Prerequisite: Student must have completed a basic computer literacy course (e.g. BIT 1150, INFS 1010) or receive permission of instructor. Must also work well independently, be self-motivated and computer savvy, and have the ability to troubleshoot computer problems. Any computer programming experience is helpful but not necessary.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**CITC 1318 - Data Structures**

3 sem hrs cr

This course covers the basic fundamental principles of data structures. It uses a programming language to implement a variety of data structures. Topics will include recursion, containers, vectors, pointers, dynamic memory, stacks, queues, and Lists with or without iterators. User-designed classes are implemented. Prerequisite: This course requires that you have taken an introduction to programming course, including CISP 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**CITC 1319 - Intro to Programming for Mobile Apps**

3 sem hrs cr

This course is an introduction to mobile computer programming. Students will learn the foundation of computer programming while designing, developing, and deploying mobile applications that incorporate multimedia, GPS and other current technologies. Prerequisite or Corequisite: INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**CITC 1333 - Linux LPIC-1**

3 sem hrs cr

This course prepare the student to complete the LPIC-1 Junior Level Linux Certification exams 101 and 102. Topics will include Linux command line operation, maintenance tasks within Linux, and installation, configuration, and connectivity of Linux workstations. Prerequisite: INFS 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**CITC 1360 - Computer Graphic & Animation**

3 sem hrs cr

The objective of this course is to help the student develop some facility in the use of graphics editing software and graphics creation software. The course will cover the basic concepts in image development and graphics manipulation. Prerequisite: Students should understand basic computer operation and file management as well as how to compress or zip a series of files.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**EDU 2010 - Foundations of Education**

3 sem hrs cr

In this course, attention will be given to the historical, philosophical, and sociological foundations underlying the development of American institutions. The role of the schools, the aims of education, and the role of state, local and federal agencies will be emphasized. Some field experience will be required.

*Formerly/Same As EDUC 1010*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**EDU 2050 - Classroom Management**

3 sem hrs cr

This course is an introduction to K–6 classroom management techniques for anyone currently or considering teaching in an educational setting up to the 6th grade. Through exploration of the



text, course assignments and online discussions, you will learn strategies/approaches to organize and manage your classroom for optimal student learning. This course also has two field experiences where students will be required to observe classroom management techniques in an actual school setting.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**EDUC 2120 - Intro to Special Education**

3 sem hrs cr

This course is a study of the characteristics and needs of children with special needs and/or disabilities. There is an emphasis on legislation, programs, services and best practices in the educational setting. Field experiences are required. Prerequisite: Acceptable placement scores or completion of all competencies in Learning Support reading and writing

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**ENGL 2035 - Introduction to Fiction**

3 sem hrs cr

This course provides the opportunity, through reading, discussion, and short projects, to analyze short stories and a novel in terms of their literary characteristics. This course is designed to give students experience in reading and interpreting literature. Prerequisite: ENGL 1010 and ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

*Formerly/Same As ENGL 2010*

**Transfer (UT) or Non-Transfer Course (UN): UT**

**ENGL 2110 - Early American Literature**

3 sem hrs cr

This course is a survey of American literature from the time of English colonization through the Civil War. It examines the works of significant writers of fiction, poetry and non-fiction, taking into account the events in history that influenced them. Prerequisite: ENGL 1010 and ENGL 1020

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **ENGL 2116 - Writing for the Web**

3 sem hrs cr

This course includes critiques of current Web pages, how to convert business documents into web content that is fresh, and essential skills for 21st century business writing. Prerequisite: ENGL 1010

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **ENGL 2120 - Modern American Literature**

3 sem hrs cr

This course is a survey of American masterpieces from the Civil War to the present. Prerequisite: ENGL 1010 and ENGL 1020. Students do not have to take ENGL 2110 before taking ENGL 2120.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **ENGL 2210 - Early British Literature**

3 sem hrs cr

A survey of major and minor works from British literature. During this course, you will explore the fiction, poetry, drama, and nonfiction of these periods with respect to the literary forms and characteristics of each period, as well as to the societal, cultural, philosophical, and historical forces that influenced their development. Prerequisite: ENGL 1010 and ENGL 1020

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **ENGL 2220 - Modern British Literature**

3 sem hrs cr

A survey of major and minor works from British literature. During this course, you will explore the fiction, poetry, drama, and nonfiction of these periods with respect to the literary forms and characteristics of each period, as well as to the societal, cultural, philosophical, and historical forces that influenced their development. Prerequisite: ENGL 1010 and ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **ENGL 2300 - Creative Writing**

3 sem hrs cr

Creative writing is a course in developing, drafting and revising creative works in fiction, poetry, drama, nonfiction, and song lyrics for publication and personal satisfaction. Students may focus

on one genre or multiple genres, according to their own interest. Emphasis is on the creative process, awareness of audience, structure of the genres, and getting works ready for the public. Prerequisite: ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**ENGL 2410 - Early European Literature**

3 sem hrs cr

This course is a survey of masterpieces of Western World literature: the ancient Near East, ancient Greece and Rome, the Middle Ages, and the Renaissance. Prerequisite: ENGL 1010 and ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**ENGL 2420 - Modern European Literature**

3 sem hrs cr

This course is a survey of literary masterpieces of Western World literature including the Enlightenment, Romanticism, Realism and Modernism/Postmodernism periods. Prerequisite: ENGL 1010 and ENGL 1020

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**ENGL 2630 - Literature for Children**

3 sem hrs cr

This course is a historical survey of literature for children with special attention given to literature for pre-school and elementary years. Genres or types studied include picture books, fiction, traditional literature, nonfiction and poetry. The course does not fulfill the general education requirement. It is primarily intended for Early Childhood Education or Elementary Education majors. Prerequisite: ENGL 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

**HIMT 1300 - Medical Terminology**

3 sem hrs cr

An introductory study of medical terminology utilizing the body systems approach, including anatomy and physiology, disease process, laboratory/pathology terms, pharmacology concepts, terms and abbreviations. Prerequisite: READ 0810

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

*Formerly/Same As* NRS 1370

(formerly HIT 1010)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**HIMT 1308 - Careers in Healthcare**

3 sem hrs cr

This course is designed to explore different careers in healthcare which require skilled healthcare professionals and practitioners. Discussion will include places of employment, educational requirements, licensures, occupational descriptions, and career opportunities.

*Formerly/Same As* ALH 1000

ALSH 1000

**Transfer (UT) or Non-Transfer Course (UN): UN**

**HIST 2050 - Appalachian History**

3 sem hrs cr

This course examines the theme of continuity and change in the Southern and Central Appalachian region from the 14th century to the present. The states included in this study are western Virginia, eastern Kentucky, western North Carolina, East Tennessee, northern Georgia, northern Alabama, and southern West Virginia. Prerequisite: College-level reading and writing skills, basic computer skills, and the ability to think critically about concepts presented in an academic context.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **MATH 1005 - Algebra Essentials**

3 sem hrs cr

This course includes operations with polynomials, analysis of quadratic functions and graphs, solving quadratic equations, and other types of functions. The course is designed to prepare the student for algebra intensive courses. Prerequisite: Completion of Learning Support competencies

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **MATH 1130 - College Algebra**

3 sem hrs cr

This course is designed primarily for students majoring in non-science degrees. Topics include functions and graphs, linear and quadratic equations, inequalities, polynomials, rational expressions, exponents, radicals, and exponential and logarithmic functions. Prerequisite: Completion of or exemption from learning support competency courses *AND* MATH 1000 with a grade of "C" or better *OR* MATH 1005 with a grade of "C" or better. This course may not substitute for MATH 1710.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Department Lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **MDT 2100 - Photoshop Essentials**

3 sem hrs cr

Students are introduced to photo editing, image enhancement, workflow, color management, and best practices using Adobe Photoshop® and related software with images from professional digital cameras and other digital images. Topics covered include: editing a photo, using selection tools and shortcut keys, working with layers, drawing and painting with color, enhancing and repairing photos, applying filters and patterns, creating color channels and actions, working with vector graphics, and creating web pages and animations. Documents created in class will be optimized for web, print and multimedia uses. Students will complete a variety of tutorials as well as create personal projects. Prerequisite: CITC 1300

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **PHED 1031 - Walking for Fitness**

2 sem hrs cr

This course improves cardiovascular fitness without the possible risks associated with higher intensity exercise. The ROCKPORT FITNESS WALKING TEST will be used to design individualized walking programs based on existing levels of cardiovascular fitness. (TN eCampus course ID PHED 1140)

Note: This course is equivalent to PHED 1030 Aerobic Walking

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **PHIL 1030 - Introduction to Philosophy**

3 sem hrs cr

This course gives a basic overview of philosophy and its development throughout history. Students will learn to think as philosophers, and discover some of the major thinkers and schools of thought in western philosophy.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **PHIL 2430 - Philosophy of Religion**

3 sem hrs cr

This course is a philosophical examination of religion. Some issues studied include the existence and nature of God, relationship between faith and reason, and challenges to religious belief. Throughout history, individuals have pondered whether or not God exists. Many consider it the most important question that can be asked. The reason? As Mortimer Adler, a well-known philosopher, points out, "More consequences for thought and action follow from the affirmation or denial of God than from answering any other basic question." This course addresses philosophical issues as they relate to God's existence or absence. One of the first issues to be examined will be the relationship between faith and reason in religious belief. Next, we will examine the major challenges to theism (e.g., the problem of evil) and provide potential responses to these difficulties. This will be followed by a discussion of reasons for belief in God: classical arguments, religious experience, pragmatic reasons and the like. Prerequisite: ENGL 1010 with a grade of "C" or better.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **POLS 1010 - Intro to Political Science**

3 sem hrs cr

This course is an analysis of politics and political systems in various countries. Students will acquire a general understanding of the key concepts and ideas upon which different systems of government are based. Prerequisite: Students must be able to read and write at the college level.

*Formerly/Same As* POL 1020, POLS 1020

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **POLS 2035 - International Relations**

3 sem hrs cr

This course is designed to provide you with a broad introduction to International Relations (IR). The course content will cover fundamental theories, issues, methods of inquiry, and terminology that comprise the study of IR as well as how those fundamentals help students to understand and to analyze selected aspects of current international politics. Students will learn about the major IR theories of realism, liberalism, and constructivism as well as related topics such as theories of conflict, decision-making theory, international organizations, and terrorism.

*Formerly/Same As* POLS 1501

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **PSCI 1010 - Principles of Physical Science**

4 sem hrs cr

Designed for the non-science major to partially fulfill general education requirements in the physical sciences. This course includes a study of three fundamental components of physical sciences: Newtonian mechanics; linear motion, momentum, energy, gravity, and satellite motion; fluid mechanics; thermodynamics including thermal energy and heat transfer; electricity, magnetism; waves, sound and light waves, the properties of light, and atomic structure to establish a base in which the non-science student can view nature more perceptively. It is designed to correct a missing essential in the sciences, the practice of conceptualizing before calculating. Prerequisite: Acceptable placement scores or completion of Learning Support competencies

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **PSCI 1020 - Principles of Earth/Space**

4 sem hrs cr

The second course of a two-semester sequence designed for the non-science major to fulfill general education requirements in the laboratory-based physical sciences. This course includes

a study of three fundamental components of the physical sciences: (1) Chemistry: Structure of the atom, the atomic nucleus, periodic table, chemical bonding, chemical reactions, acids, bases, molecular mixing, and organic chemistry. (2) Earth science: Rocks, minerals, earth's internal properties, water, surface properties, the atmosphere, oceans, and the weather. (3) Astronomy: Our solar system and the relation to the universe. This course is designed to correct a missing essential in the sciences, the practice of conceptualizing before calculating. Prerequisite: Acceptable placement scores or completion of Learning Support competencies

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UT**

### **PSYC 215 - Child Growth and Development**

3 sem hrs cr

The topics studied in this course include: Physical, emotional, social and intellectual child development from conception through adolescence, concepts of development and function derived from theoretical approaches, research and clinical observation emphasized, child rearing applications included. Prerequisite: PSYC 1030

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **PSYC 2110 - Psychology of Adjustment**

3 sem hrs cr

The purpose of this course is to increase self-knowledge, personal freedom, personal accountability, and the ability to effect positive personal change. Growth is examined theoretically and applied to real life situations. Topics include: 1) personality and self, 2) stress disorders and happiness, 3) thinking and feeling, 4) values and beliefs, 5) financial planning, 6) personal accountability, and 7) personal relationships. This is a process course that requires engagement, self-examination, self-discipline and motivation. Prerequisite: College-level reading and writing

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **PSYC 2230 - Psychology of Aging**

3 sem hrs cr



This course focuses on current research associated with aging by exploring recent changes in demography and subsequent individual behavior. Emphasis is on positive aging which explores the psychological factors, individual traits, and social and community resources integral to living and functioning optimally in old age.

*Formerly/Same As* (TN eCampus course ID PSYC 223)

**Transfer (UT) or Non-Transfer Course (UN): UN**

**SOCI 2170 - Sociology of Aging**

3 sem hrs cr

This is a general course in social gerontology with an emphasis on the aging process and problems of the aged.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**SWRK 245 - Introduction to Counseling**

3 sem hrs cr

This course is a comparative analysis of major theoretical approaches to counseling and psychotherapy practice; psychodynamic, behavioral, cognitive behavioral, gestalt, transactional analysis, rational- emotive therapy and systems theory. Prerequisite: College-level reading and writing

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**TELC 2010 - Survey of Exceptionalities & Diversity**

3 sem hrs cr

This course enables instructors to identify psychological, physical, educational, medical, behavioral and learning characteristics and needs of individuals with various disabilities. The course also focuses on working with students from diverse cultural, social, ethnic and racial backgrounds. It includes information regarding the modification and adaptation of instruction as it relates to ADA in order to fit individual needs and learning styles. It also enables the instructor to develop individualized educational programs with the principles of normalization and the least restrictive environment.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **TELC 2011 - Teaching and Learning with Technology**

3 sem hrs cr

This course addresses the "Tennessee Statement of Education Teacher Licensure Standards for Professional Education." It assists instructors in examining various issues related to teaching with Internet technology and resources, as well as learning to evaluate and integrate this technology into "teaching" and "learning" online and on-ground. It will also assist instructors in locating curriculum resources that support and enhance instruction. Addresses Standards # 4, 6, 11 of the Tennessee Teacher Licensure Standards for Teaching Strategies, Communication, and Technology.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **TELC 2012 - Teachers as Agents of Change**

3 sem hrs cr

This course is designed for individuals working in a public school environment on the Professional Occupational license or one of the Alternative Licenses. It provides an overview of current issues, trends, and problems that are commonplace to teaching in public school settings. Students will engage in analytic learning experiences which focus on: a) teaching in urban, suburban and rural settings, b) meeting the needs of diverse student populations, c) historical, sociological and philosophical aspects of education in a diverse society, d) legal, financial, equality/inequality of access and resources, e) governance issues related to public schooling in the U.S., f) developing knowledge and skills regarding professionalism, national and state initiatives, effective teaching, and licensure, and g) action research to improve current practice.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **TELC 2014 - Managing the Learning Environment in Post Sec**

3 sem hrs cr

This course provides the use of appropriate knowledge and skills for managing the total learning environment in post-secondary technical settings. There is emphasis on development of skills that facilitate effective teaching through appropriate management techniques and the involvement of business leaders and community members.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **WEB 1010 - Basic Web Design**

3 sem hrs cr

(COM 1010 course ID with TN eCampus)

This course presents the principles for planning well-designed web pages and websites. It explores the factors that affect web layout and design such as organization, navigation, usability, accessibility, typography, graphics and color. Prerequisite: Basic computing and keyboard skills

**Transfer (UT) or Non-Transfer Course (UN): UN**

**WEB 1020 - Basic Web Graphics**

3 sem hrs cr

(COM 1020 course ID with TN eCampus)

An introductory class using a graphics program, scanner, and other digital devices to create and edit graphic images for web pages. Projects will be included to allow students to demonstrate mastery of the use of a graphics program to edit, optimize and create imagery for the web, set up hierarchical folders/directories and implement, upload, and edit a functional website. This course is taught using Photoshop® and a basic HTML editor. Prerequisite: WEB 1010 (COM 1010 course ID for TN eCampus)

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**WEB 2120 - Audio/Video for the Web**

3 sem hrs cr

This course familiarizes students with the technologies associated with bringing photographic (film, video and still) images and audio to the Internet environment and enable them to identify and use the tools which facilitate these media in Web sites. Appropriate media selection, software tools for encoding various media, delivery system attributes and limitations, associated file types, audio and video codecs and software players will be discussed. Students will learn to prepare aural and visual media for the Web by creating and encoding assigned projects. Students will also learn to design for and solve problems with the integration of audio and video media into pre-existing Web sites. Prerequisite: A practical knowledge of how the Internet operates and working knowledge of HTML code, graphic formats, website building, web page design, and an introductory knowledge of a computer graphics program is required. These pre- and co-requisites may be obtained through WEB 1010 and WEB 1020 , or IST 2630.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

**WEB 2812 - Web Design III:Advanced Site Design**

3 sem hrs cr

This problem-oriented course will teach the use of dynamic graphic elements to enhance web pages and sites. Advanced concepts in page layout and site optimization will be studied with

emphasis on principles used to craft dynamic web pages that get noticed. The course exercises and projects will allow students to apply the principles of web design to their own sites that will be created in the course. Prerequisite: Practical knowledge of how the Internet operates, HTML code, web page design, graphic formats, and introductory knowledge of a computer graphics program and of website building with standard professional software is required. Pre- and co-requisites may be obtained through CIS 264; or COM 1000, WEB 1020 and INTC 1050 or MDT 2100; or equivalent knowledge and training.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **WEBT 1310 - Web Page Application (WYSIWIG)**

3 sem hrs cr

This course is the study of various applications available for the support of web pages. Topics covered will include web page multimedia design and the enhanced use of scripting. The latest techniques of web page design technology will be emphasized. Prerequisite: A basic working knowledge of the Windows operating system, the Internet and Microsoft Front Page.

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

**Transfer (UT) or Non-Transfer Course (UN): UN**

### **WGST 2050 - Intro to Women/Gender Studies**

3 sem hrs cr

The course is an interdisciplinary approach to the study of women's social identity and placement throughout history and the world. Theoretical perspectives and research from sociology, psychology, biology and anthropology are used to understand how gender shapes our lives on individual, cultural and societal levels. Areas of study emphasize the role of gender in social institutions including family, workplace, education, religion, media and politics. Prerequisite: ENGL 1010

In rare and unusual circumstances, a course prerequisite can be overridden with the permission of the Curriculum lead for the discipline.

*Formerly/Same As WMST 2010*

**Transfer (UT) or Non-Transfer Course (UN): UN**

## Independent Study

### **Independent Study 2990 - Independent Study**

1-5 sem hrs cr

All disciplines offer an Independent Study course, so indicated by the normal course designation followed by the section number 99 (for example, ENGL 1010 99). A designation of 2990 is reserved for specially designed Independent Study course, driven by need, designed by the course instructor, and approved by the appropriate Department Lead. An Independent Study course permits the development of a specific study project under the supervision of a discipline instructor. An Independent Study course must be developed by the instructor who will supervise the activity and must be approved by the student's advisor and the Department Lead to which the discipline is assigned. The credit for an Independent Study course may vary from one to five hours.

No more than six semester credit hours earned in Independent Study courses may be used in meeting minimum degree requirements.

**Transfer (UT) or Non-Transfer Course (UN): UT**

## Inventory of Programs

### ACADEMIC INVENTORY - INVENTORY OF PROGRAMS

The scope of the academic program at Motlow State Community College provides the following alternatives for students: (1) an associate degree program designed for transfer purposes, or (2) an associate degree program designed for immediate career application, or (3) a concentrated, short-term certificate program. For each program of study completed toward receiving the Associate of Arts degree, the Associate of Science degree, or the Associate of Applied Science degree, a student will identify a major and will select, when applicable, an area of emphasis/concentration in that major. The following chart is an inventory of programs available and the academic departments that oversee each program.

### UNIVERSITY PARALLEL MAJOR (ASSOCIATE OF ARTS/ASSOCIATE OF FINE ARTS/ASSOCIATE OF SCIENCE)

At Motlow State Community College, a student planning to transfer to a baccalaureate program may earn an Associate of Arts Degree, Associate of Fine Arts Degree, or an Associate of Science Degree. The University Parallel Major in the associate degree program is the transfer program within which a student selects an area of emphasis. The General Studies area of emphasis provides students an opportunity to complete general-education requirements before moving into specialized study. The specific areas of emphasis in the University Parallel Major are:

<b>Department</b>	<b>Major</b>	<b>Area of Emphasis</b>	<b>Degree</b>
Business & Technology	University Parallel	Accounting	Tennessee Transfer Pathway, Associate of Science (A.S.)
Social & Behavioral Sciences	University Parallel	African American Studies	Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Natural Science	University Parallel	Agriculture-Animal Science	Tennessee Transfer Pathway, Associate of Science (A.S.)
Natural Science	University Parallel	Agriculture-Business	Tennessee Transfer Pathway, Associate of Science (A.S.)
Humanities	University Parallel	Art (Studio)	Tennessee Transfer Pathway, Associate of Arts (A.A.)
Humanities	University Parallel	Art (Studio)	Tennessee Transfer Pathway, Associate of Fine Arts (A.F.A.)

Natural Science	University Parallel	Bioinformatics, Athens State	Associate of Science (A.S.)
Natural Science	University Parallel	Biology	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Business Administration	Tennessee Transfer Pathway, Associate of Science (A.S.)
Natural Science	University Parallel	Chemistry	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Civil Engineering	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Computer Science	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Concrete Management, Middle Tennessee State University	Associate of Science (A.S.)
Social & Behavioral Sciences	University Parallel	Criminal Justice Administration	Tennessee Transfer Pathway, Associate of Science (A.S.) <b>OR</b> Associate of Arts (A.A.)
Business & Technology	University Parallel	Distilled Spirits	Associate of Science (A.S.)
Education	University Parallel	Early Childhood Education, Tennessee State University	Associate of Science (A.S.)
Business & Technology	University Parallel	Economics	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Business & Technology	University Parallel	Electrical Engineering	Tennessee Transfer Pathway, Associate of Science (A.S.)
Education	University Parallel	Elementary Education, Athens State	Associate of Science (A.S.)

Education	University Parallel	Elementary Education, Lipscomb	Associate of Science (A.S.)
Languages	University Parallel	English	Tennessee Transfer Pathway, Associate of Arts (A.A.)
Education	University Parallel	Family and Consumer Science	Tennessee Transfer Pathway, Associate of Science (A.S.)
Natural Science	University Parallel	Fermentation	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Finance	Tennessee Transfer Pathway, Associate of Science (A.S.)
Languages	University Parallel	Foreign Language	Tennessee Transfer Pathway, Associate of Arts (A.A.)
Humanities	University Parallel	General Studies Track 1	Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Humanities	University Parallel	General Studies Track 2	Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Nursing and Allied Health	University Parallel	Health Sciences	Associate of Science (A.S.)
Social & Behavioral Sciences	University Parallel	History	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Business & Technology	University Parallel	Information Systems	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Management	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Marketing	Tennessee Transfer Pathway, Associate of Science (A.S.)
Humanities	University Parallel	Mass Communications	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)



Mathematics	University Parallel	Mathematics	Tennessee Transfer Pathway, Associate of Science (A.S.)
Business & Technology	University Parallel	Mechanical Engineering	Tennessee Transfer Pathway, Associate of Science (A.S.)
Humanities	University Parallel	Music	Tennessee Transfer Pathway, Associate of Fine Arts (A.F.A.)
Natural Science	University Parallel	Physics	Tennessee Transfer Pathway, Associate of Science (A.S.)
Social & Behavioral Sciences	University Parallel	Political Science	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Natural Science	University Parallel	Pre-Clinical Lab Sciences	Tennessee Transfer Pathway, Associate of Science (A.S.)
Natural Science	University Parallel	Pre-Health Professions (Dentistry, Medicine, Optometry, Pharmacy, Veterinary Medicine)	Tennessee Transfer Pathway, Associate of Science (A.S.)
Social & Behavioral Sciences	University Parallel	Pre-Law	Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Natural Science	University Parallel	Pre-Occupational Therapy	Tennessee Transfer Pathway, Associate of Science (A.S.)
Natural Science	University Parallel	Pre-Physical Therapy	Tennessee Transfer Pathway, Associate of Science (A.S.)
Social & Behavioral Sciences	University Parallel	Psychology	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Social & Behavioral Sciences	University Parallel	Social Work	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)
Social & Behavioral Sciences	University Parallel	Sociology	Tennessee Transfer Pathway, Associate of Science (A.S.) <i>OR</i> Associate of Arts (A.A.)

Humanities	University Parallel	Speech and Theatre	Associate of Science (A.S.)
Business & Technology	University Parallel	Sport & Leisure Management	Tennessee Transfer Pathway, Associate of Science (A.S.)
Humanities	University Parallel	Theatre Arts	Tennessee Transfer Pathway, Associate of Science (A.S.)

## ASSOCIATE OF SCIENCE IN TEACHING

The Associate of Science in Teaching degree has been implemented throughout the Tennessee Board of Regents system to facilitate entry of transfer students from community colleges into university teacher education programs. A common curriculum applicable to all community colleges and acceptable to most public Tennessee universities is prescribed. Admission, retention, and graduation requirements are the same as those published in the Graduation Requirements section of this catalog with the additional requirement that students who qualify for the A.S.T. must satisfy the following:

1. Attainment of a cumulative 2.75 grade point average
2. Successful completion of the Core Academic Skills for Educators (or a composite score of 22 or greater on the enhanced ACT or a combined verbal and mathematical score of 1020 or greater on the recentered SAT),
3. Achievement of satisfactory rating on an index of suitability for the teaching profession
4. Achievement of "C" or better in ENGL 1010 and ENGL 1020 and each of the Mathematics (MATH) and Education (EDU) courses in the curriculum.

<b>Department</b>	<b>Major</b>	<b>Area of Emphasis</b>	<b>Degree</b>
Education	Teaching Pre K-3	Early Childhood Education (PreK–3)	Tennessee Transfer Pathway, Associate of Science in Teaching (A.S.T.)
Education	Teaching K-5	Elementary Education (K–5)	Tennessee Transfer Pathway, Associate of Science in Teaching (A.S.T.)
Education	Secondary Education	Secondary Education - English	Tennessee Transfer Pathway, Associate of Science in Teaching (A.S.T.)
Education	Secondary Education	Secondary Education - Mathematics	Tennessee Transfer Pathway, Associate of Science in Teaching (A.S.T.)

Education	Secondary Education	Secondary Education - Social Studies	Tennessee Transfer Pathway, Associate of Science in Teaching (A.S.T.)
Education	Special Education	Special Education	Tennessee Transfer Pathway, Associate of Science in Teaching (A.S.T.)

## ASSOCIATE OF APPLIED SCIENCE

<b>Department</b>	<b>Major</b>	<b>Area of Emphasis</b>	<b>Degree</b>
Business & Technology	Business	Accounting	Associate of Applied Science (A.A.S.)
Business & Technology	Business	Business Office	Associate of Applied Science (A.A.S.)
Business & Technology	Computer Information Technology	Cyber Defense	Associate of Applied Science (A.A.S.)
Business & Technology	Entrepreneurship	Digital Agronomy	Associate of Applied Science (A.A.S.)
Business & Technology	Entrepreneurship	Entrepreneurship	Associate of Applied Science (A.A.S.)
Career Readiness	Mechatronics Technology	Mechatronics Technology	Associate of Applied Science (A.A.S.)
Nursing & Allied Health	Medical Laboratory Technology	Medical Laboratory Technology	Associate of Applied Science (A.A.S.)
Business & Technology	Business	Medical Office	Associate of Applied Science (A.A.S.)
Nursing & Allied Health	Nursing	Nursing	Associate of Applied Science (A.A.S.)
Nursing & Allied Health	Emergency Medical Services	Paramedic	Associate of Applied Science (A.A.S.)
Career Readiness	Mechatronics Technology	Robotics	Associate of Applied Science (A.A.S.)

Business & Technology	Business	Supply Chain Management	Associate of Applied Science (A.A.S.)
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### **BUSINESS MAJOR**

Motlow State Community College offers a Business major with the following concentrations: Accounting, Business Office, Management, and Medical Office. This major prepares students for a variety of positions in the broad field of business. The Accounting concentration prepares students in a broad range of accounting fields, including accounting systems, record keeping, financial statements, tax accounting, budgeting, and other accounting areas. The Business Office concentration prepares students for a variety of positions in the field of business data processing. These two-year programs are for the student who does not intend to transfer to a four-year institution. The Associate of Applied Science is awarded.

The major core curriculum is designed to promote and achieve the following outcomes:

- an understanding of fundamental business concepts and terminology
- an understanding of fundamental management concepts and human resources utilization
- an understanding of the accounting system applicable to business ownerships
- an understanding of fundamental macroeconomics, microeconomics, and economic applications
- an understanding of computer hardware and software applications
- the ability to apply mathematical concepts for business-related problem solving and analysis and presentation of data
- an understanding of principles of written business communications applying standard rules
- an understanding of the legal aspects of a business environment
- an understanding of business concepts and operations in a global environment

These two-year programs are all accredited by the Accreditation Council for Business Schools & Programs and are for the student who does not intend to transfer to a four-year institution. The Associate of Applied Science is awarded.

For information about the concentrations available, including required courses, please see the links below.

Accounting Concentration (A.A.S.)

Business Office Concentration (A.A.S.)

Supply Chain Management Concentration (A.A.S.)

Medical Office Concentration (A.A.S.)

### **NURSING MAJOR**

Motlow State Community College offers a nursing major in a program leading to the Associate of Applied Science Degree. Admission to the Nursing Program is selective. Upon completion of the program, graduates who are eligible, per criteria of the Tennessee Board of Nursing, may write the National Council Licensing Examination (NCLEX-RN) for licensure as a Registered Nurse.

## TECHNICAL CERTIFICATE OF CREDIT PROGRAMS

A certificate of credit program enables the college to provide a short-term program in a concentrated area of study as a means to acquire a specific body of knowledge and/or develop specific career skills. Certificate programs offer employment preparation opportunities and the opportunity to upgrade skills for those who are already employed. Courses successfully completed, and the credits earned as part of a certificate program, are acceptable toward an associate degree if the student wishes to continue his/her educational pursuits. The certificate programs are not designed for transfer to a four-year institution; however, the specific courses and hours completed as part of a certificate program may be used as part of a program of study that is intended for transfer. Certificate programs are available at Motlow in Mechatronics, Early Childhood Education, Supply Chain Management, Customer Service, and Emergency Medical Services. *These certificates may or may not be covered by Financial Aid.*

<b>Division</b>	<b>Certificate</b>
Business & Technology	Customer Service Certificate of Credit (21 credit hours)
Education	Early Childhood Education Technical Certificate of Credit (12 credit hours)
Education	Early Childhood Education Technical Certificate of Credit (24 credit hours)
Nursing and Allied Health	Emergency Medical Paramedic Certificate of Credit
Nursing and Allied Health	Emergency Medical Technician Advanced Certificate of Credit
Nursing and Allied Health	Emergency Medical Technician Certificate of Credit
Nursing and Allied Health	Emergency Medical Technician Certificate of Credit for High School Programs
Career Readiness	Mechatronics Certificate of Credit
Business & Technology	Supply Chain Management Certificate of Credit

## **EMERGENCY MEDICAL SERVICES EDUCATION**

The purpose of the EMS Education is to prepare an EMS professional who demonstrates the competencies necessary to assume the role of emergency personnel as defined by the Tennessee Department of Health, Division of Emergency Medical Services and to provide competent, qualified candidates eligible for licensure to meet the needs of the College's eleven-county service area.

Classes are completed in an intense setting utilizing lecture, lab, and clinical training. Class size is limited and is filled on a first-to-qualify basis (EMT/AEMT). Paramedic is filled in a selection process with limited class size. Courses have the EMSA, EMSB AND EMSP discipline codes.

Motlow State Community College offers three tracks of educational training in emergency medical services.

1. Emergency Medical Technician – Students take 16 credit hours, which include fundamentals, skills, and clinical/field experience. Upon successful conclusion of the course, students may take the National Registry Exam to obtain national certification as an EMT.
2. Advanced Emergency Medical Technician – Students take 16 credit hours, which include fundamentals, skills, and clinical/field experience. Upon successful completion of the course, students may take the National Registry Exam to obtain national certification as an AEMT.
3. Paramedic – Students take 43 credit hours, which include fundamentals, skills, and clinical/field experience. The paramedic training is completed in three semesters. Upon successful completion of the training, the student is eligible to take the National Registry Exam to obtain national certification as an EMT-Paramedic.

## **TECTA (TENNESSEE EARLY CHILDHOOD TRAINING ALLIANCE)**

Motlow State Community College is part of the Tennessee Early Childhood Training Alliance, (TECTA) a statewide training system based on the belief that early childhood education personnel need to acquire recognized professional knowledge and skills to provide appropriate care and education for young children. TECTA is approved and sponsored by the Tennessee Board of Regents and funded through Tennessee State University (TSU) by the Department of Human Services (DHS) using federal funds. There are consortia of higher education institutions that serve all ninety-five Tennessee counties. Motlow is part of the consortium with Middle Tennessee State University that acts as the lead institution and TECTA center for Motlow. Classes are held at various Motlow locations. For more information, contact Tracy Harper by phone at 615-277-1695 (work) or 615-243-3059 (mobile) or via email.

## **OTHER EDUCATIONAL ACTIVITIES**

In response to special needs of persons in its service area, Motlow College develops special credit courses or identifies special groups of courses designed to meet specific educational objectives without a degree or a certificate of credit. Among these individual courses are emergency medical technology and a cluster of courses identified as the apprenticeship program.

### **APPRENTICESHIP PROGRAM**

The apprenticeship program is a group of courses designed to satisfy the 40-semester-credit-hours related studies requirement to obtain the journeyman's card in the machinists' trade from the U.S. Department of Labor. Completion of 8,000 hours of an on-the-job-training component must be negotiated between the student's employer and the U.S. Department of Labor. Most of the related studies courses are listed with an IAT discipline code. For information about the apprenticeship program, contact the Department Lead of Business and Technology.

### **ADULT COLLEGE EXPRESS**

The Adult College Express (ACE) Program is a fast-track program designed for the highly motivated, independent adult student focused on completing his or her degree. Classes are held one night each week for 5 weeks and last for 4 hours each night (except 4 hour courses which meet extra evenings) with additional group study nights. Students only take one ACE class at a time. The program normally takes 24 months to complete (excluding any required learning support courses). For more information about this program, contact the ACE Director at 615-220-7826.

### *Expenses and Business Regulations*

Motlow State Community College is a state-supported institution and, therefore, maintains modest matriculation and incidental fees. Expenses are charged and payable by the semester since each semester is a separate unit of operation. A student may enroll at the beginning of any semester. Registration for each semester is not complete until all required fees have been satisfied, and no student may be admitted to classes without having met their financial obligation. Payment of fees may be made by cash, check, MasterCard, VISA, Discover, or American Express credit card. Students are encouraged to use our safe, convenient online payment option to avoid any chance of having to wait in line. A payment plan is also available. Information regarding the payment plan is available in the Business Office or on the Business Office webpage. Students are classified as residents or non-residents for the purpose of assessing tuition charges. The definition of residency as determined by the Tennessee Board of Regents will apply. Information about residence classification may be obtained from the Office of Admissions and Records.

The Tennessee legislature has declared that a limited number of residents of Jackson, Madison, and Limestone Counties in Alabama may attend Motlow State Community College for the same rates as residents of Tennessee. Contact the Office of Admissions and Records for details.

### **MAINTENANCE AND TUITION FEES**

**THESE FEES AND ALL OTHER FEES GIVEN IN THIS CATALOG ARE SUBJECT TO CHANGE BY POLICY OF THE TENNESSEE BOARD OF REGENTS. For current fees, visit the online Tuition & Fees Schedule on the Business Office webpage.**

<b>Hourly Rates up to 12 hours:</b>	
Residents of Tennessee	\$176.00 per semester hour
Non-residents (out-of-state students)	\$550.00 per semester hour
<b>Rates over 12 hours:</b>	
Residents of Tennessee	\$2112.00 per semester plus \$38.00 per hour over 12 hours
Non-residents (out-of-state students)	\$6600.00 per semester plus \$110.00 per hour over 12 hours
<b>TN eCampus Students:</b>	
Residents of Tennessee	\$176.00 per semester hour



Non-residents (out-of-state students)	\$550.00 per hour
Online Course Fee	\$70.00 per hour
<b>Dual-Enrollment Rate</b>	\$176.00 per credit hour
Rates over 12 hours	\$38.00 per credit hour
Dual-Enrollment Access fee (per credit hour)	\$8.80 per credit hour
<b>eRate</b> (Non-residents of Tennessee and exclusively in online classes)	\$88.00 per semester hour

**eRate**

The eRate is available to students who enroll at TBR institutions, who are classified as non-residents of Tennessee, and who are enrolled exclusively in online courses. The eRate is a significant reduction in the out-of-state tuition cost. The eRate out-of-state tuition rate is \$88 per credit hour. To qualify for an eRate, students must meet all institution admission requirements and be verified as an online out-of-state student enrolled exclusively in courses delivered online by a procedure documented by the institution. The term "out-of-state students" refers to geographic location and does not include undocumented students living in Tennessee. Students enrolled in any type of course other than online (on-ground, distance education, etc.) will not be eligible for the eRate specified in this guideline and will instead incur traditional non-resident fees and charges. Students who enroll in both online courses and other types of courses and subsequently drop the other types of courses will not then become eligible for the eRate.

*NOTE:* TN eCampus degree courses are all charged at a per-hour rate and viewed separately from on-campus courses. TN eCampus fees are not included in the full-time cap applicable to all other types of courses.

Pursuant to TCA 49-7-113, the Tennessee legislature has provided specific exceptions for payment of registration fees for certain disabled and elderly students domiciled in Tennessee as outlined below. The privilege to enroll under these exceptions may be denied based on space availability.

For **credit** enrollment, a nonrefundable service fee of \$70.00 per semester will be charged to persons with a permanent total disability and persons who will become sixty-five (65) years of age or older during the academic semester and who are domiciled in Tennessee. This fee includes maintenance fees, campus access fees, student activity fees, and technology access fees; it does not preclude an application fee. For **audit** enrollment,

no fee is required for persons with a permanent total disability, persons who become sixty (60) years of age or older during the academic semester and are domiciled in Tennessee, and persons who have retired from state service with thirty (30) or more years of service, regardless of age.

Pursuant to TCA 49-7-102, certain statutory fee exceptions exist for dependents and spouses of military personnel killed, missing in action, or officially declared a prisoner of war while serving honorably as a member of the armed forces during a period of armed conflict.

Registration and tuition fees for the summer semester will be the same as for the other two semesters. Fees for auditing a course will be the same as the fees paid if taking courses for credit. Enrollment for audit may be subject to space availability.

Enrollment under employee fee waiver programs (i.e., State of Tennessee, Tennessee Board of Regents, and University of Tennessee) is subject to the availability of space in the class being requested. Students enrolled under fee waiver programs may pre-register no earlier than four weeks prior to the first day of classes.

<b><u>REGISTRATION FEES</u></b>	
<b>Program Service Fee, each semester, nonrefundable</b>	
The program service fee will be assessed to each student who registers for credit classes.	\$27.00
<b>Technology Fee, each semester</b>	
Up to 11 credit hours	\$10.00 per credit hour
For 12 credit hours or more	\$116.00
<b>Student Activity Fee, each semester, nonrefundable</b>	\$6.00
<b>International Education Fee, each semester, nonrefundable</b>	
This fee supports cultural and international opportunities, student activities for all students, and to promote students' world knowledge. This fee assists in integrating cultural and international concepts across all academic disciplines in	\$7.00

order to increase a student's ability to compete in the international environment.	
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<b><u>PROGRAM AND SERVICE FEES</u></b>	
<b>Payment Plan Fees, nonrefundable:</b>	
Administrative Fee, each semester that the payment plan is elected	\$25.00
Returned Payment Fee	\$30.00
<b>Nursing Competency Test Fee, nonrefundable</b>	
NRS 1710	\$400.00
NRS 1720	\$400.00
NRS 2730	\$153.64
NRS 2740	\$153.64
<b>Nursing Material Fee, nonrefundable</b>	
	\$25.00 per lab
<b>NRS 1700 LPN-to-RN Bridge (Summer)</b>	
	\$400.00
<b>Nursing Liability Insurance</b>	
	\$10.00
<b>MLT Fee</b>	
	\$50.00 (\$25 per semester)
<b>MLT Liability Insurance</b>	
	\$10.00

	(Spring semester ONLY)
<b>Allied Health Liability Insurance</b>	\$10.00
<b>Science Consumables, nonrefundable, per class</b>	\$15.00
<b>Applied Music Fee, nonrefundable</b>	\$55.00 per credit hour
<b>Siemens Exam Fee, nonrefundable</b>	
Level I	\$150.00
Level II	\$150.00
<b>Learning Management Systems Fee</b>	\$100.00
<b><u>OTHER FEES</u></b>	
<b>College Level Examination Program (CLEP)</b>	\$93.00 per test
<b>Optional essay fee</b>	\$10.00
<b>CLEP Administrative fee</b>	\$28.50
<b>High School Equivalency Test (HiSET) (\$50.00 ETS fee and \$25.00 test center administration fee)</b>	\$75.00 battery

<b>All fees will need to be paid online.</b>	*Fees subject to change.  See HiSET website.
HiSET Individual subsets (\$10.00 ETS fee and \$5.00 test center administration fee)	See HiSET website.
<b>Retest HiSET fee</b> (individual test purchased): Candidates should view the HiSET webpage for additional fees and charges	
<b>Computer-Based Subtest</b>	See HiSET website.
<b>Paper-Based Subtest</b>	See HiSET website.
<b>ACT Residual Test Fee, nonrefundable</b>	<b>\$68.50 per test</b>
<b>ACCUPLACER Challenge Test Fee, nonrefundable*</b> *The first challenge using ACCUPLACER is free of charge.	\$23.50 for entire test; \$11.50 per sub-test
<b>Challenge Examination Program Credit Fee</b>	\$25.00
<b>Correspondence/Distance Education Proctor Fee, nonrefundable</b>	\$28.50
<b>Credit by Assessment Test Fee, nonrefundable</b>	\$55.00
<b>Library Fees:</b>	

Replacement fee for items less than \$100.00	\$30.00
Replacement fee for items equal to or more than \$100.00	\$100.00
<b>Returned Check Fee</b> , per returned check, nonrefundable	\$30.00
<b>Traffic Violations Fees:</b>	
First and second violation, each	\$10.00
Each violation thereafter (after 2nd violation)	\$20.00
Disabled Parking Violation	
Each violation	\$200.00

## COST OF ATTENDANCE (COA)

Cost of attendance (COA) estimates the total expenses for a student attending Motlow State, used in the formula for calculating Financial Aid Need.

The total figure includes estimates for tuition and mandatory fees; books, course materials, supplies, and equipment; living expenses (room and board), personal/miscellaneous expenses; and transportation. The Financial Aid Office uses the cost of attendance when calculating aid eligibility. It is only a representation of a student's actual charges. Students and parents can use the cost of attendance to build a budget for the academic year. Please note all amounts are based on estimates. A student's COA will change based upon their enrollment status and enrollment periods. All students are initially awarded based on a full-time, fall-and-spring COA. Their awards could change once their COA is updated to reflect their actual enrollment. These costs are subject to change each academic year. Note: Financial aid awards may be adjusted and/or cancelled due to a change in COA to prevent and/or eliminate an over-award.

<b>FULL-TIME BUDGET 2023–24 (FALL AND SPRING)</b>			
<b>Component (in-state)</b>	<b>Dependent Student with Parent</b>	<b>Military Living on Base/Rec. BAH</b>	<b>All Other Students</b>

Maintenance Fees (Tuition) & Other Mandatory Fees	\$4,536	\$4,536	\$4,536
Books, Course Materials, Supplies, Equipment	\$1,460	\$1,460	\$1,460
Living Expenses	\$7,217	\$4,077	\$13,591
Personal/Misc.	\$1,390	\$1,390	\$1,390
Transportation	\$1,889	\$1,889	\$1,889
<b>TOTAL:</b>	<b>\$16,492</b>	<b>\$13,353</b>	<b>\$22,866</b>

<b>FULL-TIME BUDGET 2023–24 (FALL AND SPRING)</b>			
<b>Component (out-of-state)</b>	<b>Dependent Student with Parent</b>	<b>Military Living on Base/Rec. BAH</b>	<b>All Other Students</b>
Maintenance Fees (Tuition) & Other Mandatory Fees	\$17,736	\$17,736	\$17,736
Books, Course Materials, Supplies, Equipment	\$1,460	\$1,460	\$1,460
Living Expenses	\$7,217	\$4,077	\$13,591
Personal/Misc.	\$1,390	\$1,390	\$1,390
Transportation	\$1,889	\$1,889	\$1,889
<b>TOTAL:</b>	<b>\$29,692</b>	<b>\$26,553</b>	<b>\$36,066</b>

There are budget adjustments for students who are out-of-state and/or participating in study abroad. Contact the Financial Aid Office for further details on these particular situations.

### **RETURNED CHECKS**

There is a \$30.00 charge for any check tendered for payment to the College that is subsequently dishonored and returned by the bank. Returned checks received for the payment of registration

fees, if not redeemed within ten calendar days from the postmark date of the institution's letter of notification, shall result in the disenrollment of the student.

For other returned checks cashed on campus, an opportunity to redeem the check shall be allowed; if the check is not then redeemed, a formal notice will be sent by registered mail to the drawer. Failure to redeem the check after formal notice shall result in the initiation of further action by the College.

No student may re-enroll, graduate, receive grades, or receive a transcript of their record until all accounts are settled. The term "account" includes any indebtedness to the College.

The above policy on returned checks is in accordance with recommended and approved policies of the State University and Community College System of Tennessee.

## **REFUNDS AND REPAYMENTS**

A student may be eligible for a refund of institutional charges, based on a change in enrollment status due to: (1) dropping a course or courses, (2) withdrawing from college, (3) cancellation of a class by the institution, or (4) death of the student. Refund processing requires ten to fourteen days for completion. Students receiving Federal Title IV grants, loans, and state grants/scholarships are required to notify the Financial Aid Office upon changing enrollment status by dropping any class or upon withdrawing from the institution.

## **INSTITUTIONAL FEES**

1. Seventy-five percent of fees will be refunded for drops or withdrawals that occur within the first 14 calendar days (unless the class begins on Saturday—see # 5 below) of an academic term, beginning with and inclusive of the first official day of classes, or within an equivalent period for a short-term course. Twenty-five percent of fees will be refunded following expiration of the 75% refund period, to the point in time when 25% of the term is completed. No refunds will be made beyond the 25% point.
2. One hundred percent of fees will be refunded for classes canceled by the institution.
3. One hundred percent of fees will be refunded for withdrawals prior to the first day of classes for the regular academic terms and summer sessions.
4. One hundred percent of fees will be refunded in case of death of the student.
5. One hundred percent of fees will be extended when the first day of the academic term falls on a Saturday through the weekend until the following Monday morning (12:01 a.m.).

**Fees discussed above include Maintenance and Technology Access Fees only. All other fees are nonrefundable.**

Summer term refunds will be based on the above procedures with time periods for half-summer terms being prorated as a percentage of a regular term.

No refunds will be made for a general interest class unless the class is canceled.

## **PAYMENT PLAN**

A payment plan is available to allow students to pay registration fees in installments. The plan does not apply to books or to non-credit classes and is available for fall and spring semesters only. All students in good financial standing are eligible to participate in the payment plan. Total



fees eligible must be at least \$400 after application of any financial aid awarded to student. (Fees not eligible include application fee and any account balance from prior terms.)

- To participate in the payment plan, you must complete the Payment Plan Application on MyMotlow.
- The plan requires an initial payment consisting of 50% of fees plus a \$25 administrative fee at the beginning of the term. The remaining balance will be paid in equal installments. (Due dates will be specified in the Payment Plan Contract.)
- Students who fail to pay the required initial payment by the appropriate (preregistration or regular registration) last day to pay fees specified in the term calendar will be deleted from the class rolls.
- Students who fail to pay the second and/or third installments will have their records placed on hold. The College will proceed with collection procedures as required by the Tennessee Board of Regents, Guideline B-010, including submission to a collection agency, if necessary.
- Initial payment and subsequent installments will be paid by auto-deduction.
- **Withdrawal from classes does not forgive any remaining balance due except to the extent that any refund, as determined by the College's refund policy, will be applied to the balance due.** Refunds for students on payment contracts are calculated based on the total fees assessed, not the portion of the fees actually paid at the time of the refund.
- A student who fails to make timely payments in a previous term may be denied the right to participate in the payment plan in future enrollment periods.

#### **FEDERAL FINANCIAL AID RETURN TO TITLE IV (R2T4)**

Federal Title IV regulations require Motlow State Community College (Motlow) to recalculate the federal financial aid eligibility for each student who withdraws from the institution at or before the 60% point of the term. Eligibility is based on the number of calendar days completed in the term at the point of withdrawal. Students who stop attending classes without initiating the formal Motlow withdrawal process will be assigned a withdrawal date based on their documented last date of engagement in their classes.

Note: For programs offered in modules/mini-terms (ex. Adult College Express [ACE] program), Federal Title IV regulations require Motlow to recalculate the federal financial aid eligibility for each student who withdraws from the institution if all scheduled modules within a term are not completed (see example 2 below).

#### *Example # 1:*

A student withdraws on the 30th day of the term, which is 120 days in length. The student has completed 25% of the term and thus is only eligible for 25% of the federal financial aid awarded for that term. Therefore, Motlow must return 75% of the federal aid originally retained by the College to satisfy the student's institutional fees. As a result, the student will receive a billing statement from the Motlow Business Office for that portion of the fees no longer covered by federal financial aid. Students are not required to make repayments of fifty dollars or less.

In addition, the student is required to repay a portion of the federal financial aid received for personal and living expenses for the term. The initial amount to be returned in this example is

based on a 75% calculation; however, to ease the repayment burden on the student, the following guidelines apply:

- The student is required to repay only 50% of the portion of the initial repayment amount that is attributable to Federal Pell Grant and Federal Supplemental Educational Opportunity Grant funds disbursed directly to the student. The student will be billed for the required amount and must make repayment arrangements with Motlow. Failure to make repayment within thirty days of notification may result in the matter being referred to the U.S. Department of Education Debt Collection Service, and the student will be unable to receive future federal financial aid funds from any educational institution until repayment has been satisfied.

*Example # 2 – Modules:*

Within a semester, there are three modules (A, B, C) that span the entire term and are five weeks each, offered consecutively. In the fall semester, the student enrolls in modules A, B, and C. Student completes courses in module A. Student begins Module B and withdraws. At this point, the student is a Title IV withdrawal and a R2T4 calculation must be done. The student's registration for module C is not enough to override the R2T4 requirement. However, if the school collects written confirmation from the student at the time of the withdrawal from module B that they intend to return for Module C, a R2T4 is not required. If the student returns for Module C and completes the module, no R2T4 is required. If the student does not return for Module C, a R2T4 is done using the withdrawal date from Module B. If the student returns for Module C and then withdraws, a R2T4 is done using the withdrawal date from Module C.

Note that because we are looking at completed days, if the above student was also enrolled in a course that spanned the entire term and completed that course, the withdrawal from the modular courses would not result in a withdrawal for the term. By completing the fifteen-week course, the student has completed all days for which he/she enrolled.

All required repayments to Federal Title IV programs will be distributed in the following order: (1) Federal Direct Unsubsidized Loan (Motlow does not offer loans), (2) Federal Direct Subsidized Loan (Motlow does not offer loans), (3) Federal Pell Grant, (4) Federal Supplemental Educational Opportunity Grant, and (5) any other applicable programs (ex. Lottery, TSAA, TN Promise, TN Reconnect, etc.)

Any refunds calculated for students who received financial assistance from sources other than Federal Title IV funds will be refunded according to each source's policy.

# STUDENT AFFAIRS

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## *Admission to the College*

Motlow State Community College (MSCC) subscribes to the open door policy for admission. All prospective students, including online students, seeking admission to the college must meet applicable admission requirements as determined by their selected applicant admission type.

## I. GENERAL REQUIREMENTS

### 1. Admissions Application

1. All applicants, regardless of type, must submit an admissions application. Applicants are responsible for the accuracy of the information contained within the application. There is no application fee.

### 2. Residency Classification/Proof of Citizenship

1. All applicants will be classified as in-state or out-of-state according to the TBR Residency and Lawful Presence policy (03:05:01).

### 3. Selective Service

1. Applicants who are born male and are between the ages of 18 and 26 must certify registration with the Selective Service System ("the draft") before they can register for classes.

### 4. High School Transcripts

1. References in this policy to a requirement for an official high school transcript can be satisfied by:
  1. An official transcript showing graduation date from high school, as well as a final GPA. The high school transcript must be a "regular" or "honors" diploma. A special education diploma or certificate of attendance does not meet this requirement.
  2. A home school transcript showing a date of graduation and final GPA.
  3. An official record of high school equivalency (such as a HiSET test transcript). Most state-recognized equivalency exams are acceptable.

### 5. Immunizations

1. All first-time students under the age of 18 at the time of registration must submit a completed Immunization Health History Form with a parent or guardian's signature. This form provides detailed information concerning the recommended vaccines and immunization schedule by the Centers for Disease Control Advisory Committee.
2. New students 18 years of age or older will acknowledge this information online before registering.
3. TBR & Immunization Rules
  1. Immunization Rules
    1. MSCC shall ask all applicants for admission to provide health information that establishes the applicant's compliance with the recommended immunization schedule for measles, mumps, rubella, and varicella for adults, issued by the Center for Disease

Control and Prevention (CDC) Advisory Committee on Immunization Practices (ACIP).

1. Proof of prior or current military service shall be considered proof of the recommended immunizations.
  2. Students with proof of graduation from a Tennessee high school after 2014 shall not be required to submit evidence of the recommended immunizations, except as specified below.
  3. Students enrolling in a course of study that is exclusively online and does not involve any experiential component shall not be asked to provide immunization information.
2. Except as otherwise required for specific programs of study, failure to provide documentation of recommended immunization shall not be a bar to admission, however, should MSCC experience an outbreak of a communicable disease, all students without documented immunization for the disease shall be presumed to be un-immunized and subject to immunization, quarantine, or isolation recommendations for the purposes of public health disease control.
  3. Notwithstanding the forgoing, any applicant to a program that involves interaction with children, such as a teacher education or early childhood education training program, must present proof of compliance with the recommended 2-dose immunization schedule for mumps, rubella, and varicella for adults, issued by the CDC-ACIP.
  4. Notwithstanding the foregoing, any applicant enrolling in a school of nursing, laboratory technology, or any other allied health profession must present proof of compliance with the immunization schedule for healthcare personnel issued by the CDC-ACIP.
2. Information Provided to Students
    1. MSCC shall provide each new incoming student with detailed information concerning the risk factors for hepatitis B infection and the availability and effectiveness of vaccine for persons who are at risk of the disease.
    2. MSCC shall provide each new incoming student with detailed information concerning the recommended immunization schedule for measles, mumps, rubella and varicella for adults issued by the Center for Disease Control Advisory Committee on Immunization Practices, and the availability and effectiveness of the recommended vaccines.
    3. Each new incoming student shall return a completed waiver form indicating that MSCC has provided the information required in this section.
  3. Exemptions

1. A student who is required to show proof of immunization under these rules may be exempted from the requirements only under the following circumstances:
  1. Where a physician licensed by the board of medical examiners, the board of osteopathic examiners or a health department certifies in writing that a particular vaccine is contraindicated for one (1) of the following reasons:
    1. The individual meets the criteria for contraindication set forth in the manufacturer's vaccine package insert;
    2. The individual meets the criteria for contraindication published by the CDC-ACIP; or
    3. In the best professional judgment of the physician, based upon the individual's medical condition and history, the risk of harm from the vaccine outweighs the potential benefit.
  2. Where a parent or guardian or, in the case of an adult student, the student provides to the institution a written statement, affirmed under penalties of perjury, that vaccination conflicts with the religious tenets and practices of the parent or guardian or, in the case of an adult student, the student.
6. Specialized Programs or Limited-Enrollment Programs
  1. In addition to the admission requirements of MSCC, applicants must also meet additional requirements to be considered for acceptance into certain specialized programs. These programs require an additional application and documentation before an applicant can be considered. The specific requirements for each specialized program, and that program's admission process, are published by the respective program on the College's website and College Catalog.
7. Readmission
  1. A student who has not attended MSCC for two consecutive terms must reapply for admission. If the student is reapplying for degree admission, and has attended any other college(s) since leaving MSCC, the student must submit official transcript(s) from the other college(s) attended. Failure to provide official college transcripts and report all institutions attended will result in delay of admissions and financial aid processing.
8. Placement Testing
  1. MSCC does not use standardized test scores for admissions purposes, but scores are used for advisement purposes. Degree-seeking applicants have the option to complete placement testing before registering for classes. Additional details on placement and testing are in the TBR Learning Support policy (2.03.00.02).

## II. DEGREE ADMISSION

1. All degree-seeking and certificate-of-credit seeking applicants must provide official transcripts from all prior institutions attended, both high school and college, regardless of whether any credits were earned.
2. Any degree-seeking or certificate-of-credit seeking applicants who has attended another college or university shall be considered a transfer student. Transfer students who earned credits but not a degree at another college and are eligible for readmission to the last institution attended are eligible for admission to MSCC. Those who do not meet the readmission standards of the last institution attended may be admitted on academic probation or other established condition.

## III. NON-DEGREE ADMISSION

1. Transient Admission (Summer Only)
  1. A transient student is someone who wishes to enroll at MSCC as a visiting student while primarily enrolled at another college (the "home institution"). Their intent is to take courses at MSCC to transfer back to their home institution.
  2. In addition to the admissions application, a letter of good standing from the home institution can permit summer term registration starting on May1; however, a current transcript is required in order to show they have met appropriate prerequisites for summer course(s) being taken at MSCC.
  3. An official transcript that includes spring term final grades from the home institution is required in order for a MSCC transcript to be issued back to the home institution at the conclusion of summer term.
  4. Transient students are not eligible for financial aid at MSCC, but may be eligible for aid through a consortium agreement with their home institution.
2. Audit Admission
  1. An audit student wishes to attend a course but will not receive credit for the course or a grade in the course.
  2. Audit students are not eligible for financial aid.
  3. To take classes in audit status, a Non-Degree Seeking application must be submitted. Students must also file: (a) an Audit Form with the Admissions & Records Office specifying which classes they wish to take in audit status, (b) Proof of Citizenship documentation, and (c) the Immunization Form.
  4. Admission may be limited or denied based on the availability of space in the individual classroom.
3. Special Student for Credit
  1. A special student for credit wishes to enroll in a course for their own intellectual development without working toward a certificate-of-credit or degree.
  2. Unlike audit students, these students do receive credit and grades for each course in which they enroll.
  3. Personal enrichment students are not eligible for financial aid.
4. Dual-Enrollment Admission
  1. A dual enrollment student is a student currently in high school (including home school), enrolling simultaneously in college courses.

2. In addition to the admissions application, dual enrollment applicants must submit:
  1. An official high school transcript
  2. Valid placement test scores (this requirement may vary by high school/homeschool)
  3. Approval from an authorized official of the secondary institution (high school or home school)
  4. Approval from a parent or guardian if the student is under 18
  5. Proof of Citizenship
  6. Hepatitis B Form

#### IV. ADMISSION TO THE COLLEGE

1. All paper correspondence regarding admissions should be mailed to the Office of Admissions and Records, Motlow State Community College, Department 520, P. O. Box 8500, Lynchburg, TN 37352-8500.
2. Email correspondence regarding admissions should be emailed to [admissions@mscc.edu](mailto:admissions@mscc.edu).

#### *Alternative Sources of Credit*

Advanced credit may be granted by Motlow for courses in areas for which a student has demonstrated satisfactory achievement and proficiency. The maximum amount of advanced credit allowed from all sources for graduation is 30 credit hours, unless otherwise modified by State legislative mandates or policy changes required by the Tennessee Higher Education Commission or the Tennessee Board of Regents. Sources of advanced credit include:

Advanced Placement Examination Program  
Advanced Standing Credit in English  
American Council on Education Certifications  
Armed Services Credit  
Cambridge International Examinations  
Certified Administrative Professional Rating  
Challenge Examination Program  
College Level Examination Program  
Correspondence Courses  
Dual Credit Program (Credit by Assessment)  
International Baccalaureate Program  
LPN Licensure  
Paramedic Licensure  
Portfolio Assessment  
TCAT Articulation Agreements

For additional information about alternative sources of credit, contact the Office of Admissions and Records at Motlow.

## ADVANCED PLACEMENT EXAMINATION PROGRAM CREDIT

Motlow College participates in the Advanced Placement Examination Program (APEP) of the College Entrance Examination Board (CEEB). The maximum amount of advanced credit allowed from all advanced credit sources, which includes Advanced Placement Examination Program Credit, is 30 credit hours for graduation; credit may be given to qualified students in any two of the following subject areas:

<b>AP Examination</b>	<b>AP Score</b>	<b>Suggested Course Hours</b>	<b>Suggested Equivalent TBR Community College Courses*</b>
Art History	3,4,5	3 SCH	ART 2000 Art History Survey I
Biology	3	4 SCH	BIOL 1010 or BIOL 1110
Biology	4	8 SC	BIOL 1010 & BIOL 1020 or BIOL 1110 & BIOL 1120
Calculus AB	3	3 SCH	MATH 1830 Applied Calculus / BIOL
Calculus AB	4,5	3 or 4 SCH	MATH 1830 or MATH 1910 Calculus I
Calculus BC	3	8 SCH	MATH 1910 & MATH 1920 Calculus II
Chemistry	3	4 SCH	CHEM 1110 General Chemistry I
Chemistry	4	8 SCH	CHEM 1110 General Chemistry I & CHEM 1120 General Chemistry II
Chinese Language and Culture	3	6 SH	6 hours of Foreign Language Credit
Chinese Language and Culture	4	9 SH	9 hours of Foreign Language Credit
Chinese Language and Culture	5	12 SH	12 hours of Foreign Language Credit
Computer Science A	3,4,5	3 SCH	CISP 1010 Computer Science I
Computer Science Principles	3,4,5	3 SCH	3 hours of Computer Science Elective Credit
Macroeconomics	3,4,5	3 SCH	ECON 2100 Principles of Macroeconomics
Microeconomics	3,4,5	3 SCH	ECON 2200 Principles of Microeconomics



English Language & Composition	3	3 SCH	ENGL 1010 English Composition I
English Language & Composition	4,5	6 SCH	ENGL 1010 English Composition I & ENGL 1020 English Composition II
English Literature & Composition	3,4,5	6 SCH	ENGL 2235 Topics in British Literature + 3 SCH Humanities elective
European History	3,4,5	6 SCH	6 hours of History Core Credit
Environmental Science	3,4,5	4 SCH	BIOL 1510 Environmental Science I
French Language & Culture	3	6 SCH	FREN 1010 Beginning French I & FREN 1020 Beginning French II
French Language & Culture	4	9 SCH	FREN 1010, FREN 1020 & FREN 2010 Intermediate French I
French Language & Culture	5	12 SCH	FREN 1010, FREN 1020, FREN 2010, & FREN 2020 Intermediate French II
German Language and Culture	3	6 SCH	6 hours of Foreign Language Credit
German Language and Culture	4	9 SCH	9 hours of Foreign Language Credit
German Language and Culture	5	12 SCH	12 hours of Foreign Language Credit
Comparative Government and Politics	3,4,5	3 SCH	3 hours of Social/Behavioral Sciences Core or elective course
Italian Language and Culture	3	6 SCH	6 hours of Foreign Language Credit
Italian Language and Culture	4	9 SCH	9 hours of Foreign Language Credit
Italian Language and Culture	5	12 SCH	12 hours of Foreign Language Credit
Japanese Language and Culture	3	6 SCH	6 hours of Foreign Language Credit

Japanese Language and Culture	4	9 SCH	9 hours of Foreign Language Credit
Japanese Language and Culture	5	12 SCH	12 hours of Foreign Language Credit
Latin	3	6 SCH	6 hours of Foreign Language Credit
Latin	4	9 SCH	9 hours of Foreign Language Credit
Latin	5	12 SCH	12 hours of Foreign Language Credit
Music Theory	3,4,5	3 SCH	3 hours Elective Credit
U. S. Government & Politics	3,4,5	3 SCH	POLS 1030 American Government
Human Geography	3,4,5	3 SCH	GEOG 1012 Cultural Geography
Physics B	3	4 SCH	PHYS 2010 Non-Calculus Physics I
Physics B	4	8 SCH	PHYS 2010 Non-Calculus Physics I & PHYS 2020 Non-Calculus Physics II Test scheduled for revision effective fall 2014
Physics C	3	4 SCH	Pt. 1 PHYS 2110 Calculus-Based Physics I
Physics C	3	4 SCH	Pt. 2 PHYS 2120 Calculus-Based Physics II
Precalculus	3	3 SCH	MATH 1710 - Precalculus Algebra
Precalculus	4, 5	3 SCH	MATH 1710 - Precalculus Algebra and direct placement into Calculus I
Psychology	3,4,5	3 SCH	PSYC 1030 Introduction to Psychology
Spanish Language	3	6 SCH	SPAN 1010 Beginning Spanish I & SPAN 1020 Beginning Spanish II
Spanish Language	4	9 SCH	SPAN 1010, SPAN 1020, & SPAN 2010 Intermediate Spanish I
Spanish Language	5	12 SCH	SPAN 1010, SPAN 1020, SPAN 2010 , & SPAN 2020 Intermediate Spanish II

Spanish Language and Culture	3,4,5	3 SCH	3 hours Elective Credit
Statistics	3,4,5	3 SCH	MATH 1530 Introductory Statistics
Studio Art Drawing	3,4,5	3 SCH	ART 1045 Drawing I
Studio Art 2D Design	3,4,5	3 SCH	ART 1340 Foundations Studio I
Studio Art 3D Design	3,4,5	3 SCH	ART 1350 Foundations Studio II
U.S. History	3,4,5	6 SCH	HIST 2010 Early United States History & HIST 2020 Modern United States History
U.S. Government & Politics	3,4,5	3 SCH	POLS 1030 American Government
World History	3,4,5	6 SCH	HIST 2310 Early World History & HIST 2320 Modern World History

The maximum amount of alternative sources of credit allowed from all sources is 30 total credit hours required for graduation, unless otherwise modified by State legislative mandates or policy changes required by the Tennessee Higher Education Commission or the Tennessee Board of Regents.

\*TBR Community Colleges will award/transfer PLA credit for AP scores in to the suggested course or the equivalent course at their institution. There may be variations in course number and/or course title. Community colleges should award the PLA credit for course other than the suggested course when it is in the best interest of the student.

### ADVANCED STANDING CREDIT IN ENGLISH

Students under 21 years of age with an ACT sub-score in English/Writing of 27 to 30 or an SAT sub-score in Writing of 610 to 680 will be given 3 hours of advanced standing credit for ENGL 1010. Students under 21 years of age with an ACT sub-score in English/Writing of 31 or an SAT sub-score in Writing of 690 or higher will be given 6 hours of advanced standing credit for ENGL 1010 and ENGL 1020. The maximum amount of advanced credit allowed from all advanced credit sources, which includes advanced standing credit in English, is 30 credit hours required for graduation.

### AMERICAN COUNCIL ON EDUCATION (ACE) CERTIFICATIONS

Motlow became a member of the EC-Council in 2020. If an individual has the following certifications, that credit could be granted in the following courses:

ACE Certification	Motlow Course	Motlow Credits
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Certified Network Defender (CND)	CITC 1302	3 hours
Computer Hacking Forensic Investigator (CHFII)	CITC 2352	3 hours
EC-Council Certified Incident Handler (ECIH)	CITC 2363	3 hours
Certified Penetration Testing Professional (CPENT)	CITC 2326	3 hours

## ARMED SERVICES CREDIT

Veteran students who have received an honorable discharge after serving active duty with the armed forces may request credit by submitting a valid DD214 form. Up to four (4) hours of physical education credit may be granted. Students will receive one credit for each six (6) months of active duty. These credits meet the physical education activity requirements for all programs of study.

In evaluating other armed services credit, Motlow State Community College uses the Guide to the Evaluation of Education Experience in the Armed Services published by the American Council on Education (ACE). Based on ACE recommendations, Motlow accepts credit as outlined in the table below.

<b>ACE Occupational Specialties ID</b>	<b>Occupation Specialty Name</b>	<b>Course 1</b>	<b>Course 2</b>	<b>Course 3</b>	<b>Course 4</b>	<b>Course 5</b>	<b>Course 6</b>
MOS-11B-004	Infantryman	BUSN 2330					
MOS-11B-005	Infantryman	BUSN 2330					
MOS-13B-003	Cannon Crewmember	MECH 1330					
MOS-13B-004	Cannon Crewmember	MECH 1330					
MOS-13B-005	Cannon Crewmember	MECH 1310	MECH 1320				
MOS-25B-001	Information Technology Specialist	INFS 1010					

MOS-25B-002	Information Technology Specialist	ADMN 1308	CITC 2199	CITC 2299	CITC 2399		
MOS-25B-003	Information Technology Specialist	CITC 1334	BUSN 1310				
MOS-25U-001	Signal Support Systems Specialist	CITC 1302	CITC 1321	CITC 1322	CITC 2326	MECH 1320	BUSN 2330
MOS-25U-002	Signal Support Systems Specialist	CITC 1302	BUSN 1310				
MOS-31B-002	Military Police	BUSN 2330					
MOS-31B-003	Military Police	ADMN 1308					
MOS-42A-001	Human Resources Specialist	BUSN 1310					
MOS-15T-002	UH-60 Helicopter Repairer	MECH 1320					
MOS-15U-002	CH-47 Helicopter Repairer	MECH 1320					
MOS-15R-002	AH-64 Attack Helicopter Repairer	MECH 1320					

Starting with 2019–2020 Academic Year, all Tennessee Board of Regent schools will begin awarding course credits for certain courses that match with Military occupations held and courses taken.

## CAMBRIDGE INTERNATIONAL EXAMINATIONS

Starting with the 2019-2020 academic year, Motlow will begin granting appropriate semester hours credit to qualified students presenting official record of acceptable grades on Cambridge Advanced International Certificate of Education (AICE) examinations. Credit will be awarded for A (Advanced) level and AS (Advanced Subsidiary) level. The following courses have been approved for award of credits. Other AICE examinations may be approved for award of university credits following institutional review.

<b>CAMBRIDGE COURSE</b>	<b>CAMBRIDGE EXAM</b>	<b>CAMBRIDGE GRADE</b>	<b>MOTLOW COURSE</b>	<b>CREDIT HOURS</b>
CIE 9704A	Art & Design (A Level)	"C" or better	Art Elective (3 cr hrs) and other Elective (3 cr hrs)	6
CIE 9704AS	Art & Design (AS Level)	"C" or better	Art Elective	3
CIE 9608A	Computer Science (A Level)	"C" or better	CISP 1010	4
CIS 9691A	Computing (A Level)	"C" or better	CISP 1010	4
CIE 8287A	English Language (A Level)	"B" or better	ENGL 1010	3
CIE 9276A	English Literature (A Level)	"B" or better	ENGL 2045	3
CIE 9278A	Geography (A Level)	"C" or better	GEOG 2010	3
CIE 9278AS	Geography (AS Level)	"C" or better	GEOG 2010	3
CIE 9279A	History (A Level)	"C" or better	History Elective (3 cr hrs) and other Elective (3 cr hrs)	6
CIE 9280A	Mathematics (A Level)	"C" or better	Math Elective (3 cr hrs) and other Elective (3 cr hrs)	6

CIE 9280AS	Mathematics (AS Level)	"C" or better	Math Elective	3
CIE 9231A	Mathematics - Further (A Level)	"C" or better	Math Elective (3 cr hrs) and other Elective (3 cr hrs)	6
CIE 9231AS	Mathematics - Further (AS Level)	"C" or better	Math Elective	3
CIE 9699	Sociology (A or AS Level)	"C" or better	SOCI 1010	3
CIE 9694	Thinking Skills	"C" or better	IDS 1010	3

### **CERTIFIED ADMINISTRATIVE PROFESSIONAL RATING CREDIT**

After successfully completing 12 semester hours at Motlow State Community College (excluding learning support hours which earn institutional credit only and may not be used to meet any degree requirements, a Certified Administrative Professional (CAP) may receive a maximum of 12 semester hours credit from the following courses for which college credit has not already been received:

ADMN 1308 Office Procedures	3 credits
ADMN 1311 Word Processing I	3 credits
BUSN 1305 Introduction to Business	3 credits
BUSN 1310 Business Communications	3 credits

The student must provide documentation of the CAP rating to receive credit. The maximum amount of advanced credit allowed from all advanced credit sources, which includes Certified Administrative Professional Rating Credit is 30 credit hours required for graduation. The application for credit is available from the Department Lead of Business and Technology.

This acceptance of the CAP rating for credits is subject to change whenever (1) the content of the CAP exam is revised so that it does not correspond with the content of the courses designated for credit or (2) the courses at Motlow are revised substantially.

## CHALLENGE EXAMINATION PROGRAM CREDIT

Students who have achieved competence equivalent to that offered in a course through on-the-job training, previous instruction, or other methods may receive credit for selected courses as designated by the department head in conjunction with the faculty member administering the challenge examination. In rare cases, students may be approved to use the challenge exam as a means of earning less than a course's full hours, such as when transferring quarter-term credits to Motlow. To receive credit by challenging a course, the student must:

1. Contact the appropriate Department Lead to determine if your experience, instruction, or training can be matched with a specific course in your chosen major.
2. If advised by the Department Lead to continue, submit the Challenge Application, along with evidence of qualifications, and pay the \$25 fee.
3. Work with the Department Lead or assigned faculty member to take the examination.
4. Approval and completion of the challenge exam process must occur prior to the 100% refund date (the day before classes start for the course being challenged). The student must also be enrolled in the current term at the College and have a minimum GPA of 2.0.

An email will be sent by the Chair to the student to notify them of the test results. If the examination is successfully completed, the student will receive the credit hours with a grade of "P," which will not be used in computing grade point average. These credit hours will not be counted towards the current semester's minimum hours for financial aid. The maximum amount of advanced credit allowed from the Challenge Examination Program is one-fourth of the total number of credit hours required for graduation.

Failure does not impact the student's GPA, but the student may challenge a specific course only once, and this challenge program may not be used to remove an "I" or an "F" grade or to improve a grade already earned.

If a student requests a Challenge Exam for a course that has a CLEP exam listed in Motlow's catalog, the Department Lead will determine if the student must take the CLEP exam or will be allowed to Challenge the course by taking a Departmental exam. The student will not be charged both the CLEP fee and the Challenge Exam fee.

Contact the appropriate Department Lead for additional information concerning challenge of specific courses. Procedure for challenge of selected nursing courses is outlined in the Nursing Program section of this catalog.

## COLLEGE-LEVEL EXAMINATION PROGRAM CREDIT

The maximum amount of advanced credit allowed from all credit sources, which includes College Level Examination Program (CLEP) Credit, is 30 credit hours required for graduation. Motlow has been approved as a limited CLEP Testing Center. An application and a fee (see Expenses and Business Regulations) must be submitted through the Office of Testing at least four weeks prior to the test date. This office should be contacted for any additional information. CLEP results may not be used to remove an "I" or "F" or to improve a grade already earned.

The following is a list of the CLEP subject examinations administered at Motlow State Community College and for which credit is granted by the College. Opposite the examinations



are the Motlow State Community College course equivalents. Motlow does not grant credit on the basis of the CLEP general examination.

<b>CLEP Subject Area</b>	<b>CLEP Score</b>	<b>Credit Hours</b>	<b>Motlow Courses</b>
American Government	50	3	POLS 1030 American Government
American Literature	50	3	ENGL 2130 Topics in American Literature
Analyzing & Interpreting Literature	50	6	Credit for Literature Requirements in Humanities or Fine Arts
Biology	50	8	BIOL 1110 General Biology I & BIOL 1120 General Biology II
Calculus	50	4	MATH 1910 Calculus I
Chemistry	50	8	CHEM 1110 General Chemistry I & CHEM 1120 General Chemistry II
College Algebra	50	3	MATH 1710 Precalculus Algebra or MATH 1630 Finite Mathematics
College Composition (Freshman)	50	6	ENGL 1010 English Composition I, ENGL 1020 English Composition II
College Composition Modular	50	3/6	ENGL 1010 English Composition I, ENGL 1020 English Composition II
College Mathematics	50	3	MATH 1010 Math for General Studies
English Literature	50	3	ENGL 2235 Topics in British Literature
Finance Accounting	50	3	ACCT 1010 Principles of Accounting I
French Language, level I	50	6	FREN 1010 Beginning French I & FREN 1020 Beginning French II
French Language, level II	59	12	FREN 1010 Beginning French I FREN 1020 Beginning French II FREN 2010 Intermediate French I FREN 2020 Intermediate French II

German Language	50	3	3 hours of Foreign Language Credit
History of the United States I	50	3	HIST 2010 Early United States History
History of the United States II	50	3	HIST 2020 Modern United States History
Human Growth & Development	50	3	EDUC 2210 Educational Psychology <b>or</b> PSYC 2130 Lifespan Development Psychology
Humanities	50	6	Credit for Humanities or Fine Arts Requirements
Law	50	3	BUSN 2370 Legal Environment of Business
Intro to Educational Psych	50	3	EDUC 2210 - Educational Psychology
Introductory Psychology	50	3	PSYC 1030 Introduction to Psychology
Introductory Sociology	50	3	SOCI 1010 Introduction to Sociology
Natural Science	50	4	BIOL 1010 Introduction to Biology
Pre-Calculus	50	3	MATH 1710 Precalculus Algebra
Principles of Macroeconomics	50	3	ECON 2100 Principles of Macroeconomics
Principles of Management	50	3	BUSN 2330 Principles of Management
Principles of Marketing	50	3	BUSN 2380 Principles of Marketing
Principles of Microeconomics	50	3	ECON 2200 Principles of Microeconomics
Social/Behavioral Sciences & History	50	6	Credit for Social/Behavioral Sciences Requirements

Spanish Language, level I	50	6	SPAN 1010 Beginning Spanish I SPAN 1020 Beginning Spanish II
Spanish Language, level II	63	12	SPAN 1010 Beginning Spanish I SPAN 1020 Beginning Spanish II SPAN 2010 Intermediate Spanish I SPAN 2020 Intermediate Spanish II
Western Civilization I	50	3	3 hours of History Core Credit
Western Civilization II	50	3	3 hours of History Core Credit

## CORRESPONDENCE COURSE CREDIT

Credits earned by correspondence and extension may be accepted toward graduation subject to the following:

1. The credits earned must be from a college which is a member of the National University Extension Association or the Teachers College Association for Extension and Field Services.
2. Students in residence enrolled in eighteen or more hours at Motlow may not earn credit in correspondence courses at the same time.

The maximum amount of advanced credit allowed from all advanced credit sources, which includes Correspondence Course Credit, is 30 credit hours required for graduation.

## DUAL CREDIT PROGRAM

The Dual Credit Program is a collaborative effort between Motlow State Community College (MSCC) and the secondary institutions (high schools) located within the college's eleven-county service area. The purpose of the program is to provide pathways for secondary students to acquire college credit while still attending a secondary institution. The program objectives are to:

- Integrate secondary education with post-secondary education as a means of reducing repetition in Career and Technical Education courses.
- Reduce costs for attaining a post-secondary education.
- Reduce the time required to complete a post-secondary program of study and/or prepare students to enter the workforce.
- Encourage students to pursue a post-secondary certificate or Associate of Applied Science (A.A.S.) degree.

Students are able to earn college credit by completing courses that are being taught as part of their regular high school curriculum, and that have been aligned to meet the learning outcomes of comparable courses offered by the College. Students may earn college credit by successfully completing the aligned high school course, and then successfully completing an end-of-course assessment that is developed and administered by the college. Effective with the 2016-17 academic year, students will be charged a testing fee for each Dual Credit Exam scheduled.

High school students who have completed an approved high school course and who wish to take a Dual Credit exam must submit a completed Dual Credit Application to Test along with the \$25.00 exam fee. Application and payments should be sent to:

Motlow State Community College  
 Business Office, Dept. 180  
 P.O. Box 8500  
 Lynchburg, TN 37352-8500

Credit Card payment by phone: (931) 393-1531 or (931) 393-1532

High school students who successfully pass the Dual Credit Examination with a grade of 70% or higher are then eligible to receive the appropriate number of MSCC credits for the aligned course. The earned credit hours will be retained by the College on behalf of the student for a maximum of two (2) years after anticipated high school graduation date listed on the Dual Credit Application to Test. The credit will be recorded on the student's academic transcript upon written request of the student after the student has been admitted to the College (including dual enrollment) and has completed three (3) collegiate-level credits.

College credits earned through the Motlow State Community College Dual Credit program may transfer to other post-secondary institutions at the discretion of the receiving institution. It is the responsibility of the student to contact the receiving institution to determine if the earned credit will transfer.

Motlow State Community College will create a Dual Credit Course Option menu from which secondary institutions will be able to select courses for dual-credit opportunities. This menu of courses will be reviewed annually for changes in curriculum alignment.

High school students who successfully pass the Dual Credit Examination with a grade of 70% or higher will receive a letter along with instructions for requesting the earned credit be added to their academic record.

The maximum amount of alternative sources of credit allowed from all sources is 30 total credit hours required for graduation, unless otherwise modified by State legislative mandates or policy changes required by the Tennessee Higher Education Commission or the Tennessee Board of Regents.

## INTERNATIONAL BACCALAUREATE PROGRAM

Starting with the 2019-2020 academic year, Motlow will begin awarding students college credit for acceptable scores on examinations administered by the International Baccalaureate Organization as outlined in the table below.

IB Exam	IB Exam Score	Motlow Course	Motlow Credits
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Physics (higher- or standard-level exam)	5 or higher	PHYS 2010	4
Physics (higher- or standard-level exam)	6 or higher	PHYS 2010 and PHYS 2020	8
Biology (higher-level exam)	5 or higher	BIOL 1110 and BIOL 1120	8
Mathematics (higher-level exam)	4 or higher	MATH 1910 and MATH 1920, plus three hours lower-division Math Elective credit	11
History (higher-level exam)	6 or higher	three hours lower-division History Elective credit	3
Language A1 (higher-level exam)	5 or higher	ENGL 1010	3

## **LPN LICENSURE**

Upon completion of the summer LPN-to-RN Transition Course, the student will receive seven credit hours for NRSB 1700 plus an additional 10 semester credit hours for NRSB 1340, NRSB 1710, and NRSB 1720.

## **PARAMEDIC LICENSURE**

Licensure as a Paramedic in Tennessee reflects equivalency of the MSCC Paramedic Technical Certificate.

## **PORTFOLIO ASSESSMENT**

### **Portfolio Credit**

Currently enrolled students may request portfolio credit to potentially receive college credit for life experience, work experience, training programs, serving in the military, studying independently, volunteering or doing community service, or studying open-source coursework.

The portfolio will be assessed by at least two faculty members in the discipline for which portfolio credit has been requested. These faculty members will be responsible for working with the student to evaluate the request and to determine if the student's life experience, work experience or training adequately matches the SLO's of the specific Motlow course.

The lead faculty will set up an independent study course of 1, 2, or 3 semester hours. Tuition will be charged to the student for the independent study course but will not exceed 3 hours and will not necessarily equate to the credit earned for the portfolio.

Students requesting portfolio credit should apply with the Coordinator of Prior Learning at least one semester before they are considering enrolling in the class under consideration. Credit awarded through this option is not considered part of the College's graduation residency requirements. A maximum of 30 hours of credit can be earned by this and all other Alternative Sources of Credit, unless modified by State legislative mandates or policy changes required by the Tennessee Higher Education Commission or the Tennessee Board of Regents.

## TCAT ARTICULATION AGREEMENTS

### MOTLOW BUSINESS OFFICE AND TCAT ADMINISTRATIVE OFFICE TECHNOLOGY

TCAT graduates and other students who obtain the Industry Certifications listed below will be granted credit upon verification of the Certification(s). TCAT graduate who have completed the course(s) listed below can request to challenge the course equivalent(s) as listed. If approved by the Business and Technology Department Lead, the student will follow the Challenge Exam process to accomplish this.

<b>INDUSTRY CERTIFICATION</b>	<b>CREDIT HOURS</b>	<b>COURSE EQUIVALENCY</b>
Oracle Database Foundations#1Z0-006* <b>OR</b> Microsoft Office Specialist (MOS) Access*	3	CITC 1303 Database Concepts
Microsoft Certification Application Specialist (MCAS) Word* <b>OR</b> MOS Word*	3	ADMN 1311 Word Processing I
MCAS Excel* <b>OR</b> MOS Excel*	3	ADMN 1313 Spreadsheet Applications
MCAS Word* <b>AND</b> MCAS Excel* <b>AND</b> MCAS PowerPoint* <b>OR</b> MOS in each of these	3	INFS 1010 Computer Applications
Certified Administrative Professional	12	ADMN 1308 Office Procedures BUSN 1310 Business Communications BUSN 1305 Intro to Business ADMN 1311 Word Processing I
AOT 1030 Keyboarding	3	Can challenge ADMN 1302
AOT 1040 Office Procedures	3	Can challenge ADMN 1308

AOT 3010 Business Communications	3	Can challenge BUSN 1310
AOT 3050 Accounting	3	Can challenge ACCT 1010
<b>Maximum Credits</b>	<b>27</b>	<b>Some have multiple means of obtaining credit listed above.</b>

## **MOTLOW CYBER DEFENSE AND TCAT INFORMATION TECHNOLOGY AND INFRASTRUCTURE MANAGEMENT**

TCAT graduates and other students who obtain the Industry Certifications listed below will be granted credit upon verification of the Certification(s). TCAT graduate who have completed the course(s) listed below can request to challenge the course equivalent(s) as listed. If approved by the Business and Technology Department Lead, the student will follow the Challenge Exam process to accomplish this.

<b>INDUSTRY CERTIFICATION</b>	<b>CREDIT HOURS</b>	<b>COURSE EQUIVALENCY</b>
Google UX Design	3	CITC 1300 Beginning HTML & CSS
Introduction to Computing: DANTES Exam* <b>OR</b> Google IT Automations with Python	3	CITC 1301 Introduction to Programming and Logic
CompTIA Network+	3	CITC 1302 Intro to Networking
Oracle Database Foundations#1Z0-006* <b>OR</b> Microsoft Office Specialist (MOS) Access* <b>OR</b> Google Data Analytics	3	CITC 1303 Database Concepts
CompTIA A+ 2001* <b>OR</b> Google IT Support Certificate	3	CITC 1321 A+ Hardware

CompTIA A+ 2002* <b>OR</b> Google IT Support Certificate	3	CITC 1322 A+ Software
CompTIA Linux+*	3	CITC 1332 UNIX/Linux Operating System
CompTIA Project+ <b>OR</b> Google Project Management	3	CITC 1334 Project Management and Design
CompTIA Security+	3	CITC 2326 Network Security
CompTIA Pentest+	3	CITC 2356 Penetration Testing and Network Defense
MCAS Word* <b>AND</b> MCAS Excel* <b>AND</b> MCAS PowerPoint* <b>OR</b> MOS in each of these	3	INFS 1010 Computer Applications
CITC 1303 Database Concepts	3	Can challenge CITC 1303
CITC 1351 Principles of Information Assurance	3	Can challenge CITC 1351
CITC 2352 Digital Forensics	3	Can challenge CITC 2352
<b>Maximum Credits</b>	<b>30</b>	<b>While the total of all PLA credit options listed is 42, state legislation limits the total by all means of PLA to 30 credit hours.</b>

### **MOTLOW EARLY CHILDHOOD EDUCATION AND TCAT GRADUATES**

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a TBR community college for:

ECED 2335 Initial Practicum	3 sem cr hrs
ECED 2310 Safe, Healthy Learning Environments	3 sem cr hrs

Additional credits may be awarded by the receiving community college on a case-by-case basis, consistent with accreditation requirements of NAEYC.



## MOTLOW MECHATRONICS AND TCAT ADVANCED MANUFACTURING TECHNOLOGY

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to Motlow for:

<b>TCAT COURSE(S) - Must complete all courses listed in each row to receive Motlow credit.</b>	<b>CREDIT HOURS</b>	<b>MOTLOW COURSE EQUIVALENCY</b>
AMT 1050 - Electrical and Electronics I AMT 2030 - Electrical and Electronics II	3	MECH 1310 - Electrical Components
AMT 1030 - Mech Fab & Motors & Drives AMT 3020 - Mech Fab & Motors & Drives III	3	MECH 1320 - Mechanical Components and Electrical Drives
AMT 1060 - Fluid Pwr & Pneum & Hydraulics I AMT 2040 - Fluid Pwr & Pneum & Hydraulics II AMT 3040 - Fluid Pwr & Pneum & Hydraulics III	3	MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits
AMT 4040 - Auto Sys & Mechatronics II	3	MECH 1340 - Digital Fundamentals and Programmable Logic Controllers
AMT 5030 - Auto Sys & Mechatronics III	3	MECH 1350 - Industrial Robotics
AMT 3050 - Automation Systems & Mechatronics I AMT 4020 - Mech Fab & Motors & Drives IV	3	MECH 2320 - Motor Control
AMT 5030 - Auto Sys & Mechatronics III	4	MECH 2441 - Introduction to Totally Integrated Automation*
<b>Total Credit Hours Available to Earn</b>	<b>22</b>	
<i>*Students seeking credit for MECH 2441 must also pass a Challenge Exam.</i>		

## MOTLOW MECHATRONICS AND TCAT INDUSTRIAL ELECTRICAL MAINTENANCE-MECHATRONICS

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a Motlow for:

<b>TCAT COURSE(S) - Must complete all courses listed in each row to receive Motlow credit.</b>	<b>CREDIT HOURS</b>	<b>MOTLOW COURSE EQUIVALENCY</b>
IEM 1090 - Intro to Basic Electronics IEM 3020 - Electrical Wiring Industrial	3	MECH 1310 - Electrical Components
IEM 1080 - Developing Troubleshoot Skills IEM 2010 - Mechanical Maintenance IEM 3030 - Electric Transformer & Rotate Machine IEM 4020 - Electrical Mechanical Maintenance	3	MECH 1320 - Mechanical Components and Electrical Drives
IEM 2020 - Fluid Power	3	MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits
IEM 2040 - Heating and Air Conditioning IEM 4010 - Motor Circuits	3	MECH 1340 - Digital Fundamentals and Programmable Logic Controllers
IEM 4040 - Robotics	3	MECH 1350 - Industrial Robotics
IEM 3040 - Motor Controls IEM 4010 - Motor Circuits IEM 5050 - Advanced Motor Control	3	MECH 2320 - Motor Control
IEM 5010 - RSLogix 5000 (Advanced) IEM 5020 - Human & Machine Interface	4	MECH 2441 - Introduction to Totally Integrated Automation*
<b>Total Credit Hours Available to Earn</b>	<b>22</b>	
<i>*Students seeking credit for MECH 2441 must also pass a Challenge Exam.</i>		

### **MOTLOW MECHATRONICS AND TCAT INDUSTRIAL MAINTENANCE**

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a Motlow for:

<b>TCAT COURSE(S) - Must complete all courses listed in each row to receive Motlow credit.</b>	<b>CREDIT HOURS</b>	<b>MOTLOW COURSE EQUIVALENCY</b>
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IMG 1070 - Ohms Law IMG 1080 - Electrical Circuits & Components IMG 1090 - Electrical Test Equipment IMG 1100 - Electrical Circuit Analysis IMG 1110 - Transformers	3	MECH 1310 - Electrical Components
IMG 1060 - Mechanical Power Transmission IMG 3010 - Motor Control Wiring & Troubleshooting	3	MECH 1320 - Mechanical Components and Electrical Drives
IMG 2010 - Fluid Power	3	MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits
IMG 3020 - Intro to PLC Programming	3	MECH 1340 - Digital Fundamentals and Programmable Logic Controllers
IMG 4020 - Introduction to Robotics	3	MECH 1350 - Industrial Robotics
IMG 2020 - Motors & Motor Control Systems	3	MECH 2320 - Motor Control
IMG 4010 - PLC Programming & Troubleshoot	4	MECH 2441 - Introduction to Totally Integrated Automation*
<b>Total Credit Hours Available to Earn</b>	<b>22</b>	
<i>*Students seeking credit for MECH 2441 must also pass a Challenge Exam.</i>		

## MOTLOW MECHATRONICS AND TCAT INDUSTRIAL MAINTENANCE AUTOMATION

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a Motlow for:

<b>TCAT COURSE(S) - Must complete all courses listed in each row to receive Motlow credit.</b>	<b>CREDIT HOURS</b>	<b>MOTLOW COURSE EQUIVALENCY</b>
IMA 1031 - Magnetism IMA 1050 - Transformers IMA 1055 - Meters and Measuring Equipment IMA 1061 - AC/DC Voltages	3	MECH 1310 - Electrical Components

IMA 2010 - Basic Electronics IMA 2031 - Meters and Measuring Equipment		
IMA 2040 - AC/DC Motors IMA 5061 - Mechanical Systems	3	MECH 1320 - Mechanical Components and Electrical Drives
IMA 3020 - Fluid Power Basics IMA 3030 - Hydraulics Controls and Devices IMA 3040 - Pneumatics Controls and Devices	3	MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits
IMA 5040 - Troubleshooting IMA 5050 - Programmable Controllers IMA 5062 - Advanced Programmable Controllers	3	MECH 1340 - Digital Fundamentals and Programmable Logic Controllers
IMA 5020 - Introduction to Robots	3	MECH 1350 - Industrial Robotics
IMA 2051 - Machine and Motor Controls	3	MECH 2320 - Motor Control
IMA 4021 - Programmable Controllers	4	MECH 2441 - Introduction to Totally Integrated Automation*
<b>Total Credit Hours Available to Earn</b>	<b>22</b>	
<i>*Students seeking credit for MECH 2441 must also pass a Challenge Exam.</i>		

### **MOTLOW MECHATRONICS AND TCAT INDUSTRIAL MAINTENANCE INTEGRATED AUTOMATION**

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a Motlow for:

<b>TCAT COURSE(S) - Must complete all courses listed in each row to receive Motlow credit.</b>	<b>CREDIT HOURS</b>	<b>MOTLOW COURSE EQUIVALENCY</b>
IMI 1030 - Introduction to Electricity IMI 1040 - Ohms Law and the Power Formula IMI 1050 - Kirchoffs Laws IMI 1060 - Series and Parallel Circuits IMI 1070 - Three-Phase Power Circuits	3	MECH 1310 - Electrical Components

IMI 2010 - Industrial Control Components IMI 2040 - Three-Phase Power Control IMI 3010 - Industrial Mechanics I IMI 3020 - Industrial Mechanics II	3	MECH 1320 - Mechanical Components and Electrical Drives
IMI 2050 - Pneumatics and Hydraulics I IMI 2060 - Pneumatics and Hydraulics II	3	MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits
IMI 4010 - Programmable Logic Control I IMI 4020 - Programmable Logic Control II IMI 4030 - PLC System Interfacing IMI 4040 - PLC System Troubleshooting	3	MECH 1340 - Digital Fundamentals and Programmable Logic Controllers
IMI 4050 - Basic Robot Operation IMI 4060 - Robot Handling Tool I IMI 4070 - Robot Handling Tool II	3	MECH 1350 - Industrial Robotics
IMI 2010 - Industrial Control Components IMI 2020 - Motor Control Methods IMI 2030 - Three-Phase Power Systems IMI 2040 - Three-Phase Power Control	3	MECH 2320 - Motor Control
IMI 4010 - Programmable Logic Control I IMI 4020 - Programmable Logic Control II IMI 4030 - PLC System Interfacing IMI 4040 - PLC System Troubleshooting	4	MECH 2441 - Introduction to Totally Integrated Automation*
<b>Total Credit Hours Available to Earn</b>	<b>22</b>	
<i>*Students seeking credit for MECH 2441 must also pass a Challenge Exam.</i>		

## MOTLOW MECHATRONICS AND TCAT MECHATRONICS

Students completing the diploma program at a Tennessee College of Applied Technology will receive credit upon admission to a Motlow for:

<b>TCAT COURSE(S) - Must complete all courses listed in each row to receive Motlow credit.</b>	<b>CREDIT HOURS</b>	<b>MOTLOW COURSE EQUIVALENCY</b>
MEC 2010 - DC Electrical MEC 2020 - AC Electrical	3	MECH 1310 - Electrical Components
MEC 1090 - Mechatronics I MEC 2030 - AC/DC Electronics Circuits &	3	MECH 1320 - Mechanical Components and Electrical Drives

Digital MEC 2050 - Motor Controls MEC 3031 - Mechatronics II		
MEC 2060 - Fluid Powers	3	MECH 1330 - (Electro) Pneumatic and Hydraulic Control Circuits
MEC 2040 - Programmable Logic Controllers MEC 4011 - Mechatronics III	3	MECH 1340 - Digital Fundamentals and Programmable Logic Controllers
MEC 3021 - Robotics	3	MECH 1350 - Industrial Robotics
MEC 2050 - Motor Controls MEC 4011 - Mechatronics III	3	MECH 2320 - Motor Control
MEC 4010 - Mechatronics III	4	MECH 2441 - Introduction to Totally Integrated Automation*
<b>Total Credit Hours Available to Earn</b>	<b>22</b>	
<i>*Students seeking credit for MECH 2441 must also pass a Challenge Exam.</i>		

## MOTLOW MEDICAL OFFICE AND TCAT MEDICAL CODING

TCAT graduates and other students who obtain the Industry Certifications listed below will be granted credit upon verification of the Certification(s). TCAT graduate who have completed the course(s) listed below can request to challenge the course equivalent(s) as listed. If approved by the Business and Technology Department Lead, the student will follow the Challenge Exam process to accomplish this.

INDUSTRY CERTIFICATION	CREDIT HOURS	COURSE EQUIVALENCY
MCAS Excel* <b>OR</b> MOS Excel*	3	ADMN 1313 Spreadsheet Applications
MCAS Word* <b>AND</b> MCAS Excel* <b>AND</b> MCAS PowerPoint* <b>OR</b> MOS in each of these	3	INFS 1010 Computer Applications
Certified Electronic Health Records Specialist (CEHRS)	3	ADMN 2304 Intro to Electronic Health Records

Certified Administrative Professional (Note: CITC 1306 is not in the Medical Office Program.)	12	ADMN 1308 Office Procedures BUSN 1310 Business Communications BUSN 1305 Intro to Business ADMN 1311 Word Processing I
AOT 1030 Keyboarding	3	Can challenge ADMN 1302
AOT 3080 Medical Terminology	3	Can challenge ADMN 1306
AOT 1040 Office Procedures	3	Can challenge ADMN 1308
AOT 3100 Intro to Medical Insurance	3	Can challenge ADMN 2313
AOT 3110 Electronic Health Records	3	Can challenge ADMN 2304
AOT 3010 Business Communications	3	Can challenge BUSN 1310
<b>Maximum Credits</b>	<b>30</b>	<b>Some above have multiple means of obtaining credit.</b>

Course equivalencies listed above are not only for TCAT graduates but can be awarded to any student holding any of the above Industry Certifications who present their certificate(s) to the Coordinator of Prior Learning to be verified by the appropriate Dean or Department Lead.

## *Enrollment and Student Records*

### **REGISTRATION FOR COURSES**

The academic year begins in August and is divided into three semesters—fall, spring, and summer. Students may enter at the beginning of any semester. Registration dates, times, and locations will be announced prior to any registration for that semester. Students may register in person at Moore County, Fayetteville, McMinnville, or Smyrna, or by accessing the Class Schedule on Motlow State's webpage. All students are expected to complete registration by the dates announced.

Students who were in attendance the previous term, readmit students, and new students whose applications for admission or readmission have been processed by the Office of Admissions and Records will receive notification of registration through their MyMotlow email account. Upon admission, each student is assigned a Completion Coach who provides academic and registration assistance. Students should meet with their Completion Coach on a regular basis throughout the academic year to discuss academic progress. In addition, second-year students are also assigned a faculty advisor who assists them in completing their educational program.

A student is not officially enrolled until all the requirements of registration have been completed, including payment of fees.

Students taking courses in Fayetteville, McMinnville, or Smyrna may complete any of these transactions at the campus administration office.

### **CHANGE OF REGISTRATION**

After official registration is completed, a student may change his/her schedule by adding classes, dropping classes, changing audit enrollment to credit enrollment, or changing credit enrollment to audit enrollment.

#### **ADDING A CLASS**

For a defined period of time each semester, a student may add classes. The last day that a student may add classes for a specific semester will be stated in the Academic Calendar. A student who attends a class without officially registering or following the prescribed procedures for adding a class will not receive credit for that class.

The following procedures are used in adding a class:

- Click on MyMotlow; then click on "Student login"; then enter ID and pin numbers; and then follow prompts to add/drop a class.

#### **DROPPING A CLASS**

When a student no longer wants to be enrolled in a given class, that student may officially drop that class unless a grade in the class already has been assigned. If a grade has been assigned, dropping the class is not an option. The drop process is used to reduce a class load. If all classes are discontinued, see withdrawal procedures. Students who stop attending a class and fail to follow the prescribed procedures for dropping that class will receive an "F" in the course.

To drop a class:



- Click on My Motlow; then click on "Student login"; then enter ID and pin numbers; and then follow prompts to add/drop a class.

Officially dropping a class will affect the academic record of a student at Motlow in one of the following ways:

1. Dropping a class during the time up to, and including, the last day to be deleted from the class roll (indicated in the official College calendar for that semester) will result in no indication on the academic record that the student was enrolled in the class that semester.
2. Dropping a class after the last day to be deleted from the roll and no later than ten weeks into the semester for fifteen-week courses and no later than two-thirds into shorter courses in the term will result in a "W" on the academic record for the class(es) dropped. The "W," which indicates "withdrew," is not used in computing the grade point average.
3. After the drop deadline date, students may not drop or withdraw without one of the following causes:
  - a. Illness/injury of the student or serious personal problem verified by the student's physician or psychologist;
  - b. Necessary change in the student's work schedule, including new employment for the student, verified in writing by the student's employer; or
  - c. Death in the immediate family as verified by the student's minister or physician.
4. When any of the above circumstances are verified, the student may drop or withdraw and receive a "W" in each affected class.
5. All requests to drop a class(es) after the drop deadline date should be submitted in writing to the Office of Student Affairs within the semester of taking the class(es).

Specific dates which apply to the above timetable during a given semester can be found on the Academic Calendar.

### **CHANGING TO OR FROM AUDIT ENROLLMENT**

A student may change his/her enrollment status in any class (except learning support courses) from audit to credit or credit to audit during the period of time designated for adding a class. The last day to add a class and, therefore, to change to or from audit status in a given semester is stated in the class schedule for that semester.

The following procedures are necessary for changing to or from audit status:

1. Complete the audit form available in Admissions and Records.
2. Submit fee to the Business Office.

Learning-support-level courses may not be taken for audit status.

### **WITHDRAWAL FROM THE COLLEGE**

When all classes that are being taken are being dropped, the process of withdrawal from the College must be completed. The process of withdrawal is not an option for a class in which the grade has already been assigned. Students finding it necessary to withdraw from the College should do so officially to maintain good standing. The withdrawal process is not completed until appropriate forms are completed and processed in the appropriate offices or completed online and all obligations to the College have been met. Official withdrawal may be completed by the student or by a person designated to act on his/her behalf. A student needing to withdraw who

cannot come to the campus and does not have a person to designate to complete the withdrawal process for him/her should call the Office of Admissions and Records, explain the circumstances, and ask that the withdrawal process be completed for him/her.

A student may either withdraw in person in the Office of Admissions and Records on the Moore County Campus or in the administrative offices at the Fayetteville, McMinnville, or Smyrna centers or by accessing MyMotlow (click on "Student login"; then enter ID and pin numbers; and then follow prompts to add/drop a class).

The Business Office will verify clearance of all obligations to the College and will initiate steps for any appropriate refund of fees. A student who stops attending all classes without completing the official withdrawal process will receive a failing grade (F) in each course in which he/she is enrolled.

Official withdrawal from the College will affect the academic record of a student at Motlow in one of the following ways.

1. Withdrawal during the time up to, and including, the last day to be deleted from the class roll (indicated in the official College calendar for that semester) will result in no indication on the academic record of attendance during the semester.
2. Withdrawal after the last day to be deleted from the class roll and no later than ten weeks into the semester for fifteen-week courses and two-thirds through shorter courses in the term will result in a "W" on the academic record for each class in which the student is enrolled at the time of withdrawal. The "W" is not used in computing the grade point average.
3. After the withdrawal deadline date, students may not withdraw without one of the following causes:
  - a. Illness/injury of the student or serious personal problem verified by the student's physician or psychologist;
  - b. Necessary change in the student's work schedule, including new employment for the student, verified in writing by the student's employer
  - c. Death in the immediate family as verified by the student's minister or physician.
4. When any of the above circumstances are verified, the student may drop or withdraw and receive a "W" in each affected class.
5. All requests to withdraw after the withdrawal deadline date should be submitted in writing to the Office of Student Affairs within the semester of taking the class(es).

Specific dates which apply to the above timetable during a given semester can be found on the Academic Calendar.

## CREDIT IN RESIDENCE

Credit classes are scheduled by Motlow at a variety of locations and in a variety of delivery formats. All credit earned in classes scheduled by Motlow is defined as credit in residence. Twenty-five percent of credit granted toward a degree from Motlow must be earned in residence at Motlow.

## TRANSCRIPT OF ACADEMIC RECORDS

Academic records of each student are kept on permanent file in the Office of Admissions and Records. Copies of a student's academic record will be furnished free of charge. All requests for transcripts must be submitted in writing; therefore, no requests by telephone will be honored. In response to a written request, an official transcript will be sent directly to another educational institution or business. To request an official copy of a transcript, log into MyMotlow; enter user ID and password; click on "Students," followed by "Student Records," and then "Request Printed Transcript." Then follow the prompts prior to clicking "Submit Request." A paper Transcript Request Form can also be completed and submitted to the Office of Admissions and Records via email, fax, or postal mail. In all cases, a student's obligations to the College must be fulfilled before a transcript will be issued. Student grades will not be posted publicly by faculty at the close of any term. See section entitled "Privacy Rights of Students" concerning confidentiality of records and privacy rights of students.

## IDENTIFICATION CARDS

Student Identification cards (ID cards) are issued to all students. These cards are used for check disbursements and bookstore transactions, admission and identification for athletic events, social functions, library check-outs, and other college activities. Students are required to carry an ID card with them while on campus. Information about obtaining or replacing an ID card is available in the libraries at all campus locations. There is a \$5.00 charge for replacement cost of an ID.

## CHANGE OF NAME OR ADDRESS

The Office of Admissions and Records should be informed of all changes in the student's legal name because of marriage or other reasons, place of residence, mailing address, and telephone number. If the student is requesting a name change, a Change of Record form must be completed and supporting documentation turned into the Office of Admissions and Records on the Moore County Campus or in the administrative offices at the Fayetteville, McMinnville, or Smyrna centers. The College is not responsible for a student's failure to receive official information due to failure to notify the College of any changes stated above.

## DISTANCE EDUCATION

Distance Education, as defined by Tennessee Board of Regents' policy, "occurs where there is a physical separation of the teacher and the learner and when communication and instruction take place through, or [are] supported by, any technological means such as telephone, radio, television, computers, satellite delivery, interactive video, or any combination of present and future telecommunication technology." Motlow College has several forms of distance education, including online Internet courses, online-and-on-ground hybrid Internet courses, and interactive television. Classes that are conducted via distance education are identified in the current Schedule of Classes.

### **MSCC Online**

A select number of Motlow classes are offered in the online format. These classes are taught by Motlow faculty members and billed at the same rate as an on-campus class. The class is listed in the schedule of classes each term as "Web" where the location is listed and "TBA" where time is

listed. If a student needs assistance with an online Motlow class, the student should contact the Motlow Help Desk at 931-393-1510 or contact the instructor as indicated in the course syllabus.

### **TN eCampus (formerly RODP)**

Motlow State Community College offers courses leading to the Associate of Arts, the Associate of Science, and the Associate of Applied Science degrees as part of the Tennessee Board of Regent's Online Campus Collaborative (TN eCampus). TN eCampus is a cooperative online enterprise that includes the 6 universities, 13 community colleges and the 27 technology centers that make up the Tennessee Board of Regents (TBR). TN eCampus provides the collegiate-level courses that make up the program leading to the aforementioned associate degrees. The courses offered in TN eCampus are developed and taught by a faculty member employed at any one of the TBR colleges or universities. Because the courses offered are part of the TN eCampus, they include an additional course fee and are billed to the student at a higher rate than regular MSCC courses. For detailed information about degrees through TN eCampus, please visit the TN eCampus website or contact the Motlow TN eCampus Coordinator at 615-220-7885 (Toll free 800-654-4877, Ext 7885).

### **CONCURRENT ENROLLMENT**

Concurrent enrollment describes students attending more than one institution in the same term. Students who concurrently enroll in two or more institutions are advised to take no more than a combined total of 21 hours per term. The student must request that a transcript of hours attempted at another institution be mailed to the Office of Admissions and Records at Motlow. Additional information on concurrent enrollment is available in the Office of Admissions and Records.

## *Financial Aid*

**Motlow State Community College School Code: 006836**

Motlow State Community College (Motlow) has financial aid offices located on the second floor of the Crouch Center on the Moore County campus, in the administrative buildings on the Fayetteville and McMinnville centers, and in the One-Stop at the Smyrna campus. Students with questions about the financial aid process may call the Financial Aid Office during regular business hours at 931-393-1553 (or toll-free at 1-800-654-4877, ext. 1553) or contact them via email.

The following financial aid sections outline current provisions; however, since regulations and funding for institutional, state, and federally supported programs are subject to change, Motlow reserves the right to administer the programs accordingly.

The primary purpose of the financial aid program at Motlow is to provide assistance to students who, without such aid, would find it difficult or would be unable to attend college successfully. The financial aid programs at Motlow are administered in accordance with nationally established policy and philosophy of financial aid for education. The basis of this policy is the belief that students and parents have the primary responsibility for financing education and that financial assistance is available when the student and parents cannot meet educational costs. Motlow provides this assistance through federal, state, institutional, and private sources. All students are encouraged to apply for aid if they feel they have the need. To determine if there is need for assistance, students must complete and submit the Free Application for Federal Student Aid (FAFSA) to the United States Department of Education, which takes into consideration the factors that affect a family's financial status. Motlow's financial aid programs focus on the student as an individual, with aid being awarded to students with need regardless of age, disability, national origin, race, religion, sex, or sexual orientation.

### **HOW TO APPLY**

Students receiving financial assistance are responsible for completing all necessary paperwork in advance to ensure proper credits to their accounts. Students not meeting this requirement may be required to pay in advance of receiving any financial assistance.

- **NOTE: Priority and Deadline dates are posted on the Motlow Financial Aid webpage.**
- 1. Financial Aid is awarded on a first-come, first-served basis. Students filing applications after the priority deadline dates will be considered on a funds-available basis.
- 2. The student must apply and be accepted for admission to Motlow. Final high school transcripts or HSE transcripts must be in place with the Admissions and Records Office prior to any financial aid being processed. Transfer students must submit all previous college transcripts and have them evaluated prior to any financial aid being processed.
- 3. The student must be enrolled as a regular student and must be working toward a Department-of-Education-approved degree or certificate program. Students who hold a bachelor's degree or higher are not eligible to receive federal or state aid while at Motlow.

4. To receive full consideration for all funds available through Motlow, all applicants must complete the Free Application for Federal Student Aid (FAFSA) along with any additional financial aid requirements.

**The Federal School Code for all Motlow campuses is 006836.** Questions concerning the FAFSA can be directed to the Federal Processor at 1-800-4-FED-AID. All information received during the Financial Aid process is kept in strictest confidence.

5. **THE STUDENT MUST REAPPLY FOR AID EACH YEAR BY SUBMITTING A NEW FAFSA AND REQUIRED INSTITUTIONAL AND/OR VERIFICATION FORMS.**
6. Students interested in applying for scholarships and other grants must complete and submit a Motlow Scholarship Application, according to directions, on or before March 15th. Please visit the financial aid section on the website for detailed instructions.

## GENERAL INFORMATION

Motlow uses the results from the FAFSA in awarding all federal and need-based programs, including the Tennessee Education Lottery Scholarship Program, TN Promise, and TN Reconnect. The student will receive a Student Aid Report (SAR) from the federal processor by mail or e-mail. The College receives a similar report from the federal processor provided that Motlow was listed as one of the schools the student is interested in attending on the FAFSA. Some students will be selected by the processor or by the school for a process called verification. If the application is selected for verification, additional worksheets and documentation will have to be supplied to the Financial Aid Office prior to the student receiving financial assistance. Students can review their status online at any time in their MyMotlow account.

Motlow calculates financial need by deducting the estimated family contribution (EFC) from the cost of attendance (COA). The EFC is provided on the Student Aid Report (SAR) from the Department of Education. The COA is based on an allowance for tuition and fees, room and board estimates, books and supplies estimates, transportation estimates, and miscellaneous expense estimates along with other calculations depending on the student situation (COA may be prorated for students who are not full-time or enrolled in special programs). Information on the Cost of Attendance budget is available in the Financial Aid Office or online in MyMotlow. Once financial need is calculated, the Pell Grant and the Tennessee Education Lottery Scholarship **are awarded if the student is eligible, followed by other resources.** Other resources include, but are not limited to, Vocational Rehabilitation benefits, VA benefits, WOIA benefits, TRA benefits, private and institutional scholarships, discounts and fee waivers, federal supplemental educational opportunity grant (FSEOG), Tennessee Student Assistance (TSAA), TN Promise (a last-dollar scholarship), TN Reconnect (a last-dollar scholarship) etc. Motlow reserves the right to adjust any award because of changes in eligibility, enrollment status, or funding levels. **Any adjustments resulting in a balance due on the student's account is the full responsibility of the student to repay.** Financial aid recipients are required to inform the Financial Aid Office of any resources awarded to them, such as scholarships, loans, grants, etc., by any source other than the Motlow Financial Aid Office. Failure to do so may result in later reductions or cancellations of assistance.

All awards are contingent upon (1) the number of hours for which the student enrolls each academic term; (2) the student's ability to maintain **satisfactory academic progress** as outlined on the Motlow College Financial Aid webpage; (3) the availability of federal, state, and

institutional funds; (4) Motlow's receipt of those funds; and (5) Course Program of Study (CPoS) eligibility. Thus, Motlow reserves the right to adjust student awards accordingly. All awards will be credited to the student Business Office account each academic term and applied toward institutional charges. Any funds remaining will be made available to the student generally within fourteen (14) business days via Electronic Funds Transfer (EFT) or a paper check. Students can sign up for EFT within their MyMotlow account and paper checks will be mailed to the address on file in the Admissions and Records office. Prior to the release of EFT or paper checks, class engagement will be verified by the Business Office.

Students must be enrolled in a degree or a certificate program in one of the following areas: Associate of Science, Associate of Science in Teaching, Associate of Arts, Associate of Applied Sciences, Associate of Fine Arts, or approved Technical Certificate. Financial aid is available only for one of the degrees/certificates. A second degree will be considered if it is in a different degree program. A completed financial aid appeal form will be required for this consideration.

**Student Discounts:** Student discounts will be calculated and applied to the student account by the Business Office. (Note: Any Teacher Dependent Discount does not include online fees in the calculation.) Student discounts may reduce some financial aid awards.

## RETURN TO TITLE IV

Students who received or could have received federal financial aid must be processed through the Return to Title IV calculation if they withdraw officially/unofficially prior to completing sixty percent of the academic term or do not complete modules in a module program. As a result, the student could be required to return all or a portion of financial aid funds received. For additional information, please refer to the Refund and Repayment section of this catalog under the heading Federal Financial Aid Return to Title IV. If students experience any difficulties while attending Motlow, please contact the Financial Aid Office to discuss options before stopping class engagement or initiating the formal withdrawal process. Students who stop attending all classes prior to the end of the term are considered to have withdrawn unofficially.

**Note:** Courses offered in mini-terms within a semester are now treated as modules. All modules must be completed without an official or unofficial withdrawal to maintain eligibility for financial aid awards for the semester. Dropping or withdrawing from mini-terms may result in financial aid funds having to be returned by the student for the entire semester.

## SATISFACTORY ACADEMIC PROGRESS

All students at Motlow who receive federal and some state financial aid must make satisfactory academic progress toward completion of their degrees/certificates within a reasonable period of time. Motlow has approved standards defining satisfactory progress in accordance with regulations issued by the U.S. Department of Education. Satisfactory academic progress is measured at the end of each term of enrollment utilizing these standards. Other federal, state, private, and institutional assistance programs may have the same or other satisfactory progress requirements not shown.

Refer to the **Satisfactory Academic Progress** section of the Motlow College Financial Aid website for up-to-date information on these standards.

## TYPES OF AID

Motlow provides financial assistance to students through: grants and scholarships. Most of these funds come from programs sponsored by the federal and state governments. In order to be entitled to receive federal and/or state student assistance benefits, a student must maintain satisfactory academic progress in the program of study he/she has selected. More detailed information on aid programs and student rights and responsibilities is available on the Federal Student Aid website.

The following sources of financial assistance are discussed on the following pages:

- Grants:           Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Tennessee Student Assistance Award (TSAA)
- Scholarships: Tennessee Education Lottery Scholarships
- Tennessee Promise
- Tennessee Reconnect
- Institutional Scholarships
- Foundation Scholarships
- Additional Scholarships: Private

## GRANTS

### *FEDERAL PELL GRANT*

The Federal Pell Grant Program is a federal aid program that provides money to help undergraduates pay for their education. Eligibility is determined by the Department of Education using a standard formula to evaluate the information provided on the Free Application for Federal Student Aid (FAFSA). This grant provides the "foundation" of financial aid to which other aid may be added; therefore, all students needing assistance should apply for the grant each year. Students must be regular degree-seeking undergraduates.

In December 2011, the Consolidated Appropriations Act, 2012 (Public Law 112-74) was signed into law. This law has significantly impacted the Pell Grant Program. Beginning in Fall 2012, students are now limited to twelve semesters (or 600%) of Pell Grant eligibility during their lifetime. This change affects all students regardless of when or where they received their first Pell Grant.

Please be conscious about the lifetime limit of the Pell Grant when changing majors and/or scheduling classes. You may view the amount of Pell Grant used by logging into the National Student Loan Data System.

*Note: Course Program of Study (CPoS) restrictions apply.*



#### *FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT*

The Federal Supplemental Educational Opportunity Grant (FSEOG) is a federally funded, institutionally controlled grant program. Eligibility is based upon financial need. Students who complete the Free Application for Federal Student Aid (FAFSA) will automatically be considered for the grant. Funding for this program is limited and students are encouraged to apply early.

*Note: Course Program of Study (CPoS) restrictions apply.*

#### *TENNESSEE STUDENT ASSISTANCE AWARD*

The Tennessee Student Assistance Award (TSAA) is a state need-based grant. Funds are appropriated annually by the Tennessee General Assembly and administered by the Tennessee Student Assistance Corporation (TSAC). Tennessee students who complete the Free Application for Federal Student Aid will automatically be considered for the award. To qualify for funding under this program, the student must be enrolled in at least six (6) credit hours per semester. Funding for this program is limited, and students are encouraged to apply early with the FAFSA.

*Note: Course Program of Study (CPoS) restrictions apply.*

### **SCHOLARSHIPS**

#### *TENNESSEE EDUCATIONAL LOTTERY SCHOLARSHIPS (TELS)*

The TELS program consists of the Tennessee HOPE Scholarship, General Assembly Merit Scholarship, Aspire Award, Tennessee Hope Access Grant, and Tennessee Hope Foster Care Grant. To receive the most current information and to learn more about the individual programs, visit the State of Tennessee's CollegePays website.

#### *TELS Notes:*

- Apply with the Free Application for Federal Student Aid (FAFSA). Motlow must be listed first in the "School Choice" section of the student's FAFSA.
- FAFSAs must be submitted by September 1 for fall semester and February 1 for spring and summer semesters. Early application is recommended.
- Maintain institutional satisfactory academic progress and TELS progression requirements.
- Maintain continuous enrollment by enrolling each fall and spring (at least 6 credit hours for payment of funds). Award amounts for part-time enrollment will be prorated based on credit hours attempted.
- Maintain enrollment status for every semester. If the student begins the semester as a full-time student, they must finish the semester with at least twelve hours. If the student begins the semester as a part-time student, they must maintain at least 6 credit hours. Dropping or withdrawing (officially or unofficially) from one or more classes may result in the permanent loss of eligibility.

- The student may file a Tennessee Lottery Appeal if they fail to meet enrollment requirements due to extenuating personal or medical circumstances. Eligibility may be reinstated based on the appeal and supporting documentation.
- **The only valid ACT scores are tests from national test dates.**
- Credits gained through dual enrollment, advanced placement, or other tests do not count in the TELS GPA or TELS attempted hours.
- All classes taken after high school graduation count in the TELS GPA and attempted hours, including repeated classes which Motlow excludes from the institutional GPA.
- The TELS GPA and TELS attempted hours may differ from the Motlow GPA and attempted hours, due to the exclusions mentioned in the preceding item. The student should check the TELS GPA and attempted hours in the Tennessee Lottery information section on their My Motlow account frequently to determine progress.
- If a student fails to meet the required TELS GPA at any bracket, TELS eligibility will be lost. However, there is a one-time regain provision that a student may use to regain eligibility if they have continued to meet all other requirements and bring their TELS GPA up to the required standards at a subsequent bracket.
- For further information regarding continuing eligibility, please visit TSAC's website at [www.tn.gov/collegepays](http://www.tn.gov/collegepays).

*Note: Course Program of Study (CPoS) restrictions apply.*

#### **TENNESSEE PROMISE SCHOLARSHIP**

Tennessee Promise is both a scholarship and mentoring program available to eligible students finishing high school in the 2015 graduating class and later. The scholarship is also available to dependents of Tennessee military parents who are stationed out of Tennessee. The scholarship is a **last-dollar scholarship**, meaning the scholarship will cover mandatory tuition and fees not covered by the Pell Grant, the Hope Scholarship, or state student assistance funds (including state discounts and waivers.) The Tennessee Promise Scholarship DOES NOT cover the cost of textbooks. The Tennessee Promise Scholarship DOES NOT cover all the costs associated with TN eCampus courses. Tennessee Promise students who register for one or more TN eCampus courses will owe a balance to the business office.

#### **Fees covered by TN Promise:**

- MSCC Maintenance Fee
- Student Activity Fee
- Technology Access Fee
- Campus Access Fee
- International Education

#### **Fees NOT covered by TN Promise:**

- TN eCampus Course Fee
- Science Consumables Fee
- Textbooks

For more detailed information about fees, please visit the Business Office's webpage.

## **Requirements**

In order to qualify for the Tennessee Promise Scholarship, a student must:

- Graduate from an eligible Tennessee high school, complete a Tennessee home-school program, or, prior to reaching 19 years of age, obtain a GED or HiSET diploma
- Begin college at an eligible institution in Fall directly after graduating from high school
- Complete the TN Promise Application by November 1st during the student's senior year in high school
- Attend all mandatory TnAchieves meetings held at the student's local high school
- Complete the FAFSA by February 1st during the student's senior year in high school
- Submit 8 hours of community service to TN Achieves by July 1st during the student's senior year of high school
- Maintain a cumulative 2.0 GPA once in college

## **Denial of the Tennessee Promise**

Students may be denied the Tennessee Promise Scholarship if they:

- Fail to submit their TN Promise Application by November 1st during their senior year in high school
- Fail to attend the required mandatory meetings at their local high school
- Fail to complete the FAFSA by the appropriate deadline during their senior year of high school
- Fail to submit 8 hours of community service by the appropriate deadline during their senior year of high school
- Fail to attend a qualifying institution in Fall directly after graduating from high school

## **Appealing the Tennessee Promise**

If a student loses eligibility for TN Promise due to unforeseen and/or extreme circumstances, they have the right to appeal the loss. Students can file the appeal online in their MyMotlow account under the Financial Aid tab and should attach a letter explaining the reasons for the appeal and attach documentation that supports the reasons in their appeal letter.

*Note: Course Program of Study (CPoS) restrictions apply.*

## **TENNESSEE RECONNECT GRANT**

Tennessee Reconnect is a last-dollar scholarship program available to eligible students beginning in the Fall 2018 semester. The scholarship program DOES NOT cover the cost of textbooks, science consumable fees, or the costs associated with TN eCampus courses.

## **Eligibility Requirements**

- Be a Tennessee resident for one (1) year prior to date of application.
- File the FAFSA by the deadline date and be classified as an independent student.
- Be enrolled in a federal Title IV eligible curriculum of courses leading to a certificate or associate degree.

- Not have previously earned an associate degree or baccalaureate degree.
- Enroll in and attend at least six (6) hours at an eligible institution.
- Maintain a minimum 2.0 cumulative GPA at the end of the academic year as determined by the institution.
- Participate in a college success program, as determined by the Tennessee Higher Education Commission.

### **Award Facts**

- Award amount varies based on amount of remaining tuition and mandatory fees after all other gift aid has first been applied.
- Scholarship is terminated after the student has attained an associate degree or certificate in an eligible program of study OR the student has attempted the total number of semester hours necessary for completion of an eligible program of study as determined under Title IV satisfactory academic progress standards, inclusive of any postsecondary hours transferred to the eligible program of study which were earned prior to enrollment at the postsecondary institution as a TN Reconnect student OR five (5) years have passed since the date of initial enrollment as a TN Reconnect grant student.

### **How to Apply**

- Submit the Tennessee Reconnect Grant application.
- Submit the Free Application for Federal Student Aid (FAFSA).

For additional information, please visit the State of Tennessee's Reconnect website.

### *INSTITUTIONAL and FOUNDATION SCHOLARSHIPS*

Refer to the Scholarship section of the Motlow Financial Aid website for up-to-date information about available scholarship opportunities.

*Note: Course Program of Study (CPoS) restrictions apply.*

## **VETERANS AFFAIRS**

Motlow State Community College cooperates with the Veterans Administration in providing educational opportunities for veterans and other eligible persons under appropriate public laws. Veterans and other eligible persons desiring to attend Motlow under appropriate federal legislation should contact the Office of Admissions and Records.

To start receiving veteran's benefits, the appropriate forms must be completed. These are available in the Office of Admissions and Records. A certified copy of the DD 214 must be submitted, as well as marriage certificate, divorce papers, and birth certificates of dependent children. A veteran must be approved by the VA for an educational objective, such as a specific degree. A veteran must enroll in classes directly related to his/her approved program. Courses not required for graduation or exceeding the number of elective hours required will not be approved to or by the VA. A change of status may reduce the payment from the VA.

A change of program is subject to VA approval. A form available in the Office of Admissions and Records should be completed and submitted for program change approval.

Veteran students will receive a maximum of four semester credit hours (4 hours physical education) for military service time based on active military service in the Armed Forces of the

United States. The veteran must present a certified copy of the DD 214 (if not already on file at Motlow) to the Office of Admissions and Records. (One semester hour of credit will be granted for every six months of active service to a maximum of four semester hours.) Veterans will receive credit for coursework completed while in the military if credit is recommended by the American Council on Education (ACE). The VA Coordinator in the Office of Admissions and Records can assist veterans in requesting their military transcripts.

The Veterans Administration will not provide for Learning Support courses taken through alternative delivery such as Internet, hybrid class, video, interactive video, etc.

A veteran who wishes to contact the VA Central Office may do so on the VA website, at the Educational toll-free number: 1-888-442-4551, or 877-823-2378.

The Office of Admissions and Records has on-campus responsibility for Veterans Affairs.

**ELIGIBILITY FOR DEFERMENT OF PAYMENT OF TUITION AND FEES BY CERTAIN ELIGIBLE STUDENTS RECEIVING U.S. DEPARTMENT OF VETERANS AFFAIRS OR OTHER GOVERNMENTALLY FUNDED EDUCATIONAL ASSISTANCE BENEFITS**

Service members, veterans, and dependents of veterans who are eligible beneficiaries of U.S. Department of Veterans Affairs education benefits or other governmentally funded educational assistance, subject to the conditions and guidelines set forth in Tennessee Code Annotated 49-7-104 as amended, may elect, upon formal application, to defer payment of required tuition and fees until the final day of the term for which the deferment has been requested. Application for the deferment must be made no later than 14 days after the beginning of the term, and the amount of the deferment shall not exceed the total monetary benefits to be received for the term. Students who have been granted deferments are expected to make timely payments on their outstanding tuition and fees balance once education benefits are being delivered, and eligibility for such deferment shall terminate if the student fails to abide by any applicable rule or regulation, or to act in good faith in making timely payments. This notice is published pursuant to Public Chapter 279, Acts of 2003, effective July 1, 2003.

*Motlow State does not charge late fees to any student receiving educational benefits under any Chapter from the Department of Veterans Affairs. Additionally, Motlow State does not charge late fees while waiting for a student to submit a Certificate of Eligibility (COE).*

*Please note that Motlow State Community College does not engage in high-pressure recruiting tactics or compensate individuals for securing military enrollments per 34 CFR Part 668.*

*All military personnel planning to use Federal Tuition Assistance (TA) are reminded to contact their command Educational Service Officer (ESO) or their command Military Counselor to receive approval for funding PRIOR to enrolling in any classes at Motlow State.*

Pursuant to PL 115-407 Section 103, any covered individual will be able to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF

28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Motlow State will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

## *General Regulations on Student Conduct and Disciplinary Sanctions*

### **INSTITUTION POLICY STATEMENT**

1. Students enrolled in post-secondary educational institutions are citizens of their civic communities as well as the academic community. As such, they are expected to conduct themselves as law-abiding members of each community at all times. Admission to an institution of post-secondary education carries with it special privileges and imposes special responsibilities apart from those rights and duties enjoyed by non-students. In recognition of the special relationship that exists between Motlow College and the academic community which it seeks to serve, the Tennessee Board of Regents ("TBR" or "The Board") has authorized the President of the College to take such action as may be necessary to maintain campus conditions and preserve the integrity of the institution and its educational environment.
2. Pursuant to this authorization and in fulfillment of its duties to provide a secure and stimulating atmosphere in which individual and academic pursuits may flourish, the College has developed the following policies, which are intended to govern student conduct on the several campuses under its jurisdiction. In addition, students are subject to all federal, state, and local laws and ordinances. If a student's violation of such laws or ordinances also adversely affects the institution's pursuit of its educational objectives, the institutions may enforce their own regulations regardless of the status or outcome of any external proceedings instituted by civil or criminal authorities.
3. For the purpose of these regulations, a "student" shall mean any person who is admitted and/or registered for study at Motlow College for any academic period. This shall include any period of time following admission and/or registration but preceding the start of classes for any academic period. It will also include any period which follows the end of an academic period through the last day for registration for the succeeding academic period and during any period while the student is under suspension from the institution. Finally, "student" shall also include any person subject to a period of suspension or removal from campus as a sanction which results from a finding of a violation of the regulations governing student conduct. Students are responsible for compliance with the Rules of Student Conduct and with similar institutional policies at all times.
4. Disciplinary action may be taken against a student for violation of the regulations which occur on institutionally owned, leased, or otherwise controlled property, while participating in international or distance learning programs, and off campus when the conduct impairs, interferes with, or obstructs any institutional activity of the mission, processes, and functions of the institution. The College may enforce its own or TBR regulations regardless of the status or outcome of any external proceedings instituted in any other forum, including any civil or criminal proceeding.
5. These policies, and related material incorporated herein by reference, are applicable to student organizations as well as individual students. Student organizations are subject to discipline for the conduct and actions of individual members of the organization while

acting in their capacity as a member of, or while attending or participating in any activity of, the organization.

6. Confidentiality of Discipline Process. Subject to the exceptions provided pursuant to the Family Educational Rights and Privacy Act of 1974 (FERPA), 20 U.S.C. 1232g and/or the Tennessee Open Records Act, T.C.A. §10-7-504(a)(4), a student's disciplinary files are considered "educational records" and are confidential within the meaning of those Acts.

*This policy is promulgated pursuant to, and in compliance with, TBR Rule 0240-02-03-.01, Institution Policy Statement. To the extent that a conflict exists between this policy and TBR rule, policy and/or applicable law(s), the TBR rule, policy and/or law will control. History – Adopted by TBR: 12/8/11. Effective: 1/29/12.*

## DISCIPLINARY OFFENSES

1. Institutional disciplinary measures shall be imposed, through appropriate due process procedures, for conduct which adversely affects the institution's pursuit of its educational objectives, which violates or shows a disregard for the rights of other members of the academic community, or which endangers property or persons on property owned or controlled by the College.
2. Motlow College adopts the following non-exclusive list of offenses for which both individuals and student organizations may be subject to disciplinary action.
  - a. Conduct dangerous to Self or Others. Any conduct, or attempted conduct, which constitutes a danger to any person's health, safety, or personal well-being, including, but not limited to, the following:
    1. Physical and/or verbal abuse,
    2. Threats and/or intimidation,
    3. Harm inflicted on self;
  - b. Hazing. Hazing, as defined in T.C.A. § 49-7-123(a)(1), means any intentional or reckless act, on or off the property, of any higher education institution by an individual acting alone, or with others, which is directed against any other person(s) that endangers the mental or physical health or safety of that person(s), or which induces or coerces a person(s) to endanger such person'(s) mental or physical health or safety. Hazing does not include customary athletic events or similar contests or competitions and is limited to those actions taken and situations created in connection with initiation into or affiliation with any organization;
  - c. Disorderly Conduct. Any individual or group behavior which is abusive, obscene, lewd, indecent, violent, excessively noisy, disorderly, or which unreasonably disturbs institutional functions, operations, classrooms, other groups, or individuals;



- d. **Obstruction of or Interference with institutional activities or facilities.** Any intentional interference with or obstruction of any institutional, program, event, or facility (including computer facilities), including the following:
  - 1. Any unauthorized occupancy of facilities owned or controlled by an institution or blockage of access to or from such facilities,
  - 2. Interference with the right of any institution member or other authorized person to gain access to any activity, program, event or facilities sponsored or controlled by an institution,
  - 3. Any obstruction or delay of a campus security officer, public safety officer, police officer, firefighter, EMT, or any official of the institution, or failure to comply with any emergency directive issued by such person in the performance of his or her duty;
- e. **Misuse of or Damage to Property.** Any act of misuse, vandalism, malicious, or unwarranted damage or destruction, defacing, disfiguring, or unauthorized use of property belonging to another including, but not limited to, any personal property, fire alarms, fire equipment, elevators, telephones, institution keys, library materials, computer equipment, and/or safety devices; and any such act against property belonging to a member of the institution community or a guest of the institution;
- f. **Theft, Misappropriation, or Unauthorized Sale of Property.** Any act of theft, misappropriation, or unauthorized possession or sale of institution property or any such act against a member of the institution community or a guest of the institution;
- g. **Misuse of Documents or Identification Cards.** Any forgery, alteration, or unauthorized use of institutional documents, forms, records or identification cards, including the giving of any false information or withholding of necessary information, in connection with a student's admission, enrollment, or status in the institution;
- h. **Firearms and Other Dangerous Weapons.** Any possession of or use of firearms, dangerous weapons of any kind, or replica/toy guns (e.g. BB guns, pellet guns, paintball guns, water guns, cap guns), toy knives, or other items that simulate firearms or dangerous weapons;
- i. **Explosives, Fireworks, and Flammable Materials.** The unauthorized possession, ignition, or detonation of any object or article which could cause damage by fire or other means to persons or property or possession of any substance which could be considered to be and used as fireworks on the College campus or property owned or controlled by the institution; at an institution-sponsored event; or on property owned or controlled by an affiliated clinical site;
- j. **Alcoholic Beverages.** The use and/or possession, distribution, sale, or manufacture of alcoholic beverages or public intoxication on property owned or

controlled by the institution (Motlow College) or controlled by an affiliated clinical site is prohibited. This offense includes the violation of any local ordinance or state or federal law concerning alcoholic beverages, on or off institution-owned-or-controlled property, where an affiliated group or organization has alcoholic beverages present and available for consumption; or in violation of any term of the Motlow Drug-Free Schools and Communities Policy Statement; (Policy No. 3:00:00:00) Pursuant to Tennessee Code Annotated § 49-7-146, Motlow College is required to notify a parent of a student under age twenty-one (21) if the student "has committed a disciplinary violation" with respect to the use or possession of alcohol or a controlled substance that is a violation of any federal, state, or local law or of any rule or policy of Motlow College, except as prohibited by the Family Education Rights and Privacy Act (FERPA). The trigger for notification will be (1) a plea of guilty to the applicable code of conduct violation, or (2) a final finding of guilt pursuant to disciplinary procedures, including completion of an appeal. The Drug-Free Schools and Communities Act of 1989 is on the website;

- k. **Drugs.** The unlawful use, possession, distribution, sale, or manufacture of any drug or controlled substance (including but not limited to any stimulant, depressant, narcotic, or hallucinogenic drug or substances or marijuana), being under the influence of any drug or controlled substance, or the misuse of legally prescribed or "over-the-counter" drugs is prohibited. This offense includes the violation of any local ordinance or state or federal law concerning the unlawful possession or use of drugs on property owned or controlled by the institution, at an institution-sponsored event, on property owned or controlled by an affiliated clinical site, or in violation of any term of the Motlow Drug-Free Schools and Communities Policy Statement: (Policy No. 3:00:00:00) Pursuant to Tennessee Code Annotated § 49-7-146, Motlow College is required to notify a parent of a student under age twenty-one (21) if the student "has committed a disciplinary violation" with respect to the use or possession of alcohol or a controlled substance that is a violation of any federal, state, or local law or of any rule or policy of the institution, except as prohibited by the Family Education Rights and Privacy Act (FERPA). The trigger for notification will be (1) a plea of guilty to the applicable code of conduct violation, or (2) a final finding of guilt pursuant to disciplinary procedures, including completion of an appeal. The Drug-Free Schools and Communities Act of 1989 is on the website;
- l. **Drug Paraphernalia.** The use or possession of equipment, products, or materials that are used or intended for use in manufacturing, growing, using, or distributing any drug or controlled substance. This offense includes the violation of any local ordinance or state or federal law concerning the unlawful possession of drug paraphernalia, on or off institution-owned-or-controlled property;
- m. **Public Intoxication.** Appearing on institution-owned-or-controlled property or at an institutional-sponsored event while under the influence of a controlled

- substance or of any other intoxicating substance;
- n. **Gambling.** Unlawful gambling in any form;
  - o. **Financial Irresponsibility.** Failure to meet financial responsibilities to the institution promptly including, but not limited to, knowingly passing a worthless check or money order in payment to the institution;
  - p. **Unacceptable Conduct in Disciplinary Proceedings.** Any conduct at any stage of an institutional disciplinary proceeding or investigation that is contemptuous, disrespectful, threatening, or disorderly, including false complaints, testimony, or other evidence and attempts to influence the impartiality of a member of a judicial body, verbal or physical harassment or intimidation of a judicial board member, complainant, respondent, or witness;
  - q. **Failure to Cooperate with Institutional Officials.** Failure to comply with directions of institutional officials acting in the performance of their duties;
  - r. **Violation of General Rules and Regulations.** Any violation of the general rules and regulations of the institution as published in an official institutional publication, including the intentional failure to perform any required action or the intentional performance of any prohibited action;
  - s. **Attempts, Aiding and Abetting.** Any attempt to commit any of the offenses listed under this section or the aiding or abetting of the commission of any of the offenses listed under this section (an attempt to commit an offense is defined as the intention to commit the offense coupled with the taking of some action toward its commission). Being present during the planning or commission of any offense listed under this section will be considered as aiding and abetting. Students who anticipate or observe an offense must remove themselves from the situation and are required to report the offense to the institution;
  - t. **Violations of State or Federal Laws.** Any violation of state or federal laws or regulations proscribing conduct or establishing offenses, which laws and regulations are incorporated herein by reference;
  - u. **Violation of Imposed Disciplinary Sanctions.** Intentional or unintentional violation of a disciplinary sanction officially imposed by an institution official or a constituted body of the institution;
  - v. **Sexual Misconduct.** An offense including acts of sexual assault, domestic violence, dating violence, and/or stalking as defined in MSCC Policy 8:05:00:00. All matters involving allegations of sexual misconduct will be governed by the procedures set for in MSCC Policy 8:05:00:00;

- w. Harassment or Retaliation. Any act by an individual or group against another person or group in violation of TBR policies, as well as federal and/or state laws prohibiting discrimination, including, but not limited to, MSCC Policy 8:04:00:00, and TBR Guideline P-080;
  - 1. Student on student harrassment: Unwelcome conduct directed toward a person that is discriminatory on a basis prohibited by federal, state, or local law and that is so severe, pervasive, and objectively offensive that it effectively bars the victim's access to an educational opportunity or benefit.
- x. Academic Misconduct. Plagiarism, cheating, fabrication. For purposes of this section, the following definitions apply:
  - 1. Plagiarism. The adoption or reproduction of ideas, words, statements, images, or works of another person as one's own without proper attribution,
  - 2. Cheating. Using or attempting to use unauthorized materials, information, or aids in any academic exercise or test/examination. The term academic exercise includes all forms of work submitted for credit or hours,
  - 3. Fabrication. Unauthorized falsification or invention of any information or citation in an academic exercise.
- y. Unauthorized Duplication or Possession of Keys. Making, causing to be made, or possessing any key for an institutional facility without proper authorization;
- z. Litter. Dispersing litter in any form onto the grounds or facilities of the campus;
- aa. Pornography. Public display of literature, films, pictures, or other materials which an average person applying contemporary community standards would find (1) taken as a whole, appeals to the prurient interest, (2) depicts or describes sexual conduct in a patently offensive way, and (3) taken as a whole, lacks serious literary, artistic, political, or scientific value;
- bb. Abuse of Computer Resources and Facilities. Misusing and/or abusing campus computer resources, including, but not limited to, the following:
  - 1. Use of another person's identification to gain access to institutional computer resources,
  - 2. Use of institutional computer resources and facilities to violate copyright laws, including, but not limited to, the act of unauthorized distribution of copyrighted materials using institutional information technology systems,
  - 3. Unauthorized access to a computer or network file, including, but not limited to, altering, using, reading, copying, or deleting the file,
  - 4. Unauthorized transfer of a computer or network file,
  - 5. Use of computing resources and facilities to send abusive or obscene correspondence,
  - 6. Use of computing resources and facilities in a manner that interferes with normal operation of the institutional computing system,
  - 7. Use of computing resources and facilities to interfere with the work of another student, faculty member, or institutional official,
  - 8. Violation of any published information technology resources policy,

9. Unauthorized peer-to-peer file sharing;
- cc. Unauthorized Access to Institutional Facilities and/or Grounds. Any unauthorized access and/or occupancy of institutional facilities and grounds is prohibited, including, but not limited to, gaining access to facilities and grounds that are closed to the public, being present in areas of campus that are open to limited guests only, being present in academic buildings after hours without permission, and being present in buildings when the student has no legitimate reason to be present;
  - dd. Providing False Information. Giving any false information to, or withholding necessary information from, any institutional official acting in the performance of his/her duties in connection with a student's admission, enrollment, or status in the institution;
  - ee. Unauthorized Surveillance. Making or causing to be made unauthorized video or photographic images of a person in a location in which that person has a reasonable expectation of privacy without the prior effective consent of the individual or, in the case of a minor, without the prior effective consent of the minor's parent or guardian. This includes, but is not limited to, taking video or photographic images in shower/locker rooms, residence hall rooms, and men's or women's restrooms and storing, sharing, and/or distributing of such unauthorized images by any means;
  - ff. Smoking Violations. Violation of any Motlow College and/or TBR smoking or other tobacco use rules or policies.
  - gg. Violations of conduct requirements described in handbooks for specific programs of study.
3. Disciplinary action may be taken against a student for violations of the foregoing regulations which occur at or in association with enrollment at Motlow College for any academic period. Each student shall be responsible for his/her conduct from the time of application for admission through the actual awarding of a degree including periods prior to or between semesters. Conduct occurring while a student is registered or enrolled at the College but not discovered until after the awarding of a degree is actionable under these provisions and may result in the retroactive application of a disciplinary sanction. Should a student withdraw from the institution with disciplinary action or academic misconduct action pending, the student's record may be encumbered by the appropriate institutional office until the proceedings have been concluded.

This policy is promulgated pursuant to, and in compliance with, TBR Rule 0240-02-03-.02, Disciplinary Offenses. To the extent that a conflict exists between this policy and TBR rule, policy and/or applicable law(s), the TBR rule, policy and/or law will control. History – Adopted by TBR: 12/8/11. Effective: 1/29/12.

## ACADEMIC AND CLASSROOM MISCONDUCT

1. The instructor has the primary responsibility for maintenance of academic integrity and controlling classroom behavior and can order temporary removal or exclusion from the classroom of any student engaged in disruptive conduct or conduct that violates the general rules and regulations of the institution for each class session during which the conduct occurs. Extended or permanent exclusion from the classroom beyond the session in which the conduct occurred or further disciplinary action can be effected only through appropriate procedures of the institution.
2. Disruptive behavior in the classroom may be defined as, but not limited to, behavior that obstructs or disrupts the learning environment (e.g., offensive language, harassment of students or professors, repeated outbursts from a student which disrupt the flow of instruction or prevent concentration on the subject taught, failure to cooperate in maintaining classroom decorum, etc.), emailing or text messaging, and the continued use of any electronic or other noise or light-emitting device which disturbs others (e.g., disturbing noises from cell phones, laptop computers, games, etc.).
3. Plagiarism, cheating, and other forms of academic dishonesty are prohibited. Students guilty of academic misconduct, either directly or indirectly, through participation or assistance, are immediately responsible to the instructor of the class. Based on their professional judgment, instructors have the authority to impose the following academic sanctions: (a) require the student to repeat the assignment for full or partial credit; (b) assign a zero, an "F," or any other grade appropriate for the assignment or examination; (c) assign an "F" for the course. In addition, disciplinary sanctions may be imposed through the regular institutional procedures. When a faculty member discovers an incident of academic misconduct and the student's grade is lowered or the student is assigned an "F" in the course, the faculty member will notify the academic dean. The academic dean will notify the student in writing within five (5) working days and provide a summary of the details of the incident and the penalty along with an explanation of the student's right to due process and the College's appeal process. The academic dean will also notify the Dean of Students.
  - a. When a student receives more than one "F" as a result of academic misconduct, the Dean of Students will summon the student and begin proceedings for additional disciplinary actions, subject to the process for disciplinary procedures, outlined in Part 6.
  - b. A student may not drop or withdraw from a course when he or she is suspected of academic misconduct to avoid a penalty for academic misconduct.
  - c. Other disciplinary sanctions will be imposed only through the appropriate institutional student disciplinary processes coordinated by the Dean of Students.
4. Students may appeal a grade assignment associated with a finding of academic misconduct, as distinct from a student disciplinary sanction, through appropriate

institutional academic misconduct procedures as defined below:

- a. If the student wishes to appeal a grade as a result of academic misconduct, he or she should submit a written appeal to the appropriate academic dean within five (5) business days of the event. The appeal should include the identifying the element(s) of concern; justification for appeal; and attachment of any and/or all supporting material.
  - b. The appropriate academic dean will review the appeal, perform whatever investigation is deemed necessary, discuss the issues with the student, and make a decision. The academic dean will have ten (10) business days to respond.
  - c. Should the student after following the above procedure feel that circumstances warrant further appeal, the student may appeal in writing to the Vice President for Academic Affairs within five (5) business days of the academic dean's decision notification.
  - d. The Vice President for Academic Affairs will review the merits of the case, conduct any investigation deemed necessary, and will notify the student, the instructor, and the appropriate academic dean in writing of the response of the appeal within ten (10) business days. The decision of the Vice President for Academic Affairs is final.
5. Other misconduct described in handbooks for specific programs of study.  
*This policy is promulgated pursuant to, and in compliance with, TBR Rule 0240-02-03-.03 Academic and Classroom Misconduct. To the extent that a conflict exists between this policy and TBR rule, policy and/or applicable law(s), the TBR rule, policy and/or law will control. History – Adopted by TBR: 12/8/11. Effective: 1/29/12.*

## DISCIPLINARY SANCTIONS

1. Upon a determination that a student or student organization has violated any of the disciplinary offenses set forth in these regulations, institutional disciplinary policies, or the general policies of the College, disciplinary sanctions may be imposed, either singly or in combination, by the College or school officials.
2. Definition of Sanctions:
  - a. Restitution. Restitution may be required in situations which involve destruction, damage, or loss of property or unreimbursed medical expenses resulting from physical injury. When restitution is required, the student or student organization is obligated by the appropriate judicial authority to compensate a party or parties for a loss suffered as a result of disciplinary violation(s). Any such payment in restitution shall be limited to actual cost of repair, replacement, or financial loss;

- b. **Warning.** The appropriate institutional official may notify the student or student organization that continuation or repetition of specified conduct may be cause for other disciplinary action;
- c. **Reprimand.** A written or verbal reprimand or censure may be given to any student or student organization whose conduct violates any part of these Regulations and provides notice that any further violation(s) may result in more serious penalties;
- d. **Service to the Institution or Community.** A student or student organization may be required to donate a specified number of service hours to the institution performing reasonable tasks for an appropriate institution office, official(s), or the local community. The service required shall be commensurate to the offense (e.g., service for maintenance staff for defacing institutional property);
- e. **Specified Educational/Counseling Program.** A student or student organization may be required to participate in specified educational or counseling program(s) relevant to the offense or to prepare a project or report concerning a relevant topic;
- f. **Apology.** A student or student organization may be required to apologize to an affected party, either verbally or in writing, for the behavior related to a disciplinary offense;
- g. **Fines.** Penalties in the form of fines may be imposed against a student or student organization whenever the appropriate institutional authority deems appropriate. The sanction of fines may be imposed in addition to other forms of disciplinary sanctions. Failure to pay fines may result in further disciplinary action;
- h. **Restriction.** A restriction upon a student's or student organization's privileges for a period of time may be imposed. This restriction may include, for example, denial of the ability to represent the institution at any event, the ability to participate in institution or TBR sponsored travel, use of facilities, parking privileges, and participation in extracurricular activities or restriction of organizational privileges;
- i. **Probation.** Continued enrollment of a student or recognition of a student organization on probation may be conditioned upon adherence to these regulations. Any student or organization placed on probation will be notified in writing of the terms and length of the probation. Probation may include restrictions upon extracurricular activities, or any other appropriate special condition(s). Any conduct in further violation of these regulations while on probationary status or the failure to comply with the terms of the probationary



period may result in the imposition of further disciplinary action;

- j. **Suspension.** Suspension is the separation of a student or student organization from the institution for a specified period of time. Suspension may be accompanied by special conditions for readmission or recognition;
  - k. **Expulsion.** Expulsion entails a permanent separation from the institution. The imposition of this sanction is a permanent bar to the student's admission or a student organization's recognition to the institution. A student or organization that has been expelled may not enter institution property or facilities without obtaining prior approval from an appropriate campus official with knowledge of the expulsion directive;
  - l. **Revocation of Admission, Degree, or Credential;**
  - m. **Interim Suspension.** As a general rule, the status of a student or student organization accused of violation of these regulations should not be altered until a final determination has been made in regard to the charges. However, interim suspension, pending the completion of disciplinary procedures, may be imposed upon a finding by the appropriate institutional official that the continued presence of the accused on campus constitutes an immediate threat to the physical safety and well-being of the accused, any other member of the institution its guests, property, or substantial disruption of classroom or other campus activities. In any case of interim suspension, the student, or student organization shall be given an opportunity at the time of the decision, or as soon thereafter as reasonably possible, to contest the suspension;
  - n. Any alternate sanction deemed necessary and appropriate to address the misconduct.
3. The President of the College is authorized, at his or her discretion, to intervene in order to negotiate a mutually acceptable resolution to any disciplinary proceeding or, subsequently, to convert any sanction imposed to a lesser sanction or to rescind any previous sanction, in appropriate cases.

*This policy is promulgated pursuant to, and in compliance with, TBR Rule 0240-02-03-.04 Disciplinary Sanctions. To the extent that a conflict exists between this policy and TBR rule, policy and/or applicable law(s), the TBR rule, policy and/or law will control. History – Adopted by TBR: 12/8/11. Effective: 1/29/12.*

## VEHICLE REGISTRATION, TRAFFIC, AND PARKING

- 1. **General:** Motlow State Community College policy provides traffic and parking regulations applicable for all MSCC campuses. The purpose of this policy is to facilitate the orderly and efficient flow of traffic on all campuses, to provide a safe atmosphere for both pedestrians and motor vehicle operators, and to provide order with regard to parking within limited space. These policies are published annually and, as appropriate,

through signage, handbooks, and the website.

2. Registration of automobiles/permits/decals: Motlow requires the registration of vehicles and/or the issuance of decals/permits on campus for the purpose of effective enforcement of campus traffic and/or parking regulations.
  - a. Any student, faculty member, or staff member who expects to operate and park a privately owned vehicle on campus must register the vehicle with the Business Office and obtain an official registration decal. It is the individual's responsibility to ensure that the decal is properly used and displayed and to ensure that rules and regulations relative to operating a vehicle on College property are obeyed, regardless as to whom the vehicle is registered.
  - b. Decals do not have an expiration date. If needed, students may obtain additional decals at the Business Office.
  - c. In an extreme emergency when a non-registered vehicle is necessary for a limited time, including a single day, the student must secure a temporary parking permit in order to not be subject to a charge for parking violation.
  - d. Visitor and temporary parking permits may be obtained from the Business Office in the Ingram Administration Building.
3. Parking: Motlow College has designated parking zones for faculty, staff, students, visitors, and appropriate groups. Students, faculty, staff, and visitors should park only in the appropriately designated areas. The designated areas are identified by appropriate signage.
  - a. Vehicles are not to be parked at any time in loading areas, in parking area entrances, or so as to block roadways, fire lanes, or the movement of any other vehicle; on sidewalks; or in places with signs indicating parking restrictions.
  - b. Disability Parking Procedures. Designated parking areas are provided for anyone with a state-issued or Motlow-issued disability placard/tag. A special parking hang tag for students with disabilities is available from the Office of Disability Services upon the recommendation of a physician or based on an evaluation of the disability by the Director of Disability Services.
4. Traffic: All State of Tennessee motor vehicle laws are applicable on all MSCC sites 24 hours a day.
  - a. Vehicles must yield right-of-way to all emergency vehicles by pulling over and coming to a complete stop.

- b. Pedestrians have the right-of-way. Motorists must yield the right-of-way to all pedestrians.
  - c. All vehicles must come to a complete stop at intersections where stop signs are located, painted on streets, or mounted on posts.
5. Fines/Penalties: The first and second parking violation, during each academic year, except disabled parking violations, will result in a \$10.00 charge for each violation. The charge for each regular violation thereafter will be \$20.00 and a warning of disciplinary action.
- a. The fine for parking violations in areas designated for individuals with disabilities is established by statute T.C.A. § 55-21-108 and will be adjusted as required to remain in compliance with state law.
  - b. Failure to resolve parking violations by payment in the Business Office or by appeal will result in an official hold being placed on all student records. Students, therefore, will neither be able to receive their grades for the current semester nor register for subsequent semesters.
6. Appeals: Any student may appeal his or her notice of a vehicle registration/parking violation to the Dean of Students. Appeals must be made within one (1) week of the time of the citation for the violation. Ignorance of parking regulations will not be considered as a reason for appeal. The decision of the Dean of Students is final.
- This policy is promulgated pursuant to, and in compliance with, TBR Rule 0240-02-03-.05 Traffic and Parking. To the extent that a conflict exists between this policy and TBR rule, policy and/or applicable law(s), the TBR rule, policy and/or law will control.*
- History – Adopted by TBR: 12/8/11. Effective: 1/29/12.*

## DISCIPLINARY PROCEDURES

1. General: Motlow College, in the implementation of TBR regulations pertaining to discipline and conduct of students, shall ensure the constitutional rights of students by affording a system of constitutionally and legally sound procedures which provide the protection of due process of law. In furtherance of this mandate, Motlow College hereby adopts policies setting forth the disciplinary procedures for the College. All disciplinary procedures shall be affirmatively communicated to the faculty, staff, and students at the institution as well as published in appropriate handbooks and manuals and on the website.
2. Tennessee Uniform Administrative Procedures Act (TUAPA): All cases which may result in (a) suspension or expulsion of a student or student organization from the institution for disciplinary reasons, or (b) revocation of registration of a student organization are subject to the contested case provisions of the Tennessee Uniform Administrative Procedures Act (TUAPA), T.C.A. § 4-5-101 et seq., and shall be processed

in accord with the Uniform Contested Case procedures adopted by the Board of Regents unless the student or organization, after receiving written notice, waives those procedures and elects to have the case disposed of in accord with institutional procedures or waives all rights to contest the case under any procedure.

3. **Institutional Procedures:** For matters not subject to the requirements of TUAPA or if a student waives TUAPA procedures, Motlow College establishes multiple methods for hearing and for the resolution of disciplinary matters. Any student accused of a disciplinary offense or academic misconduct imposed through disciplinary sanctions will be afforded an opportunity to contest the charge through procedures initiated by and coordinated with the Dean of Students. The student must elect, in writing, (1) disposition by the Dean of Students, or (2) an institutional hearing before the Student Affairs Committee. If a student, absent good cause, fails to return the election of procedure within a three-day period, the student will be deemed to have waived his/her right to the processes described above and the College may proceed as it deems, in its sole discretion, appropriate in the circumstances.
  - a. **Disposition by the Dean of Students.** A student may request, in writing, that the Dean of Students adjudicates the case, thereby waiving his/her rights to due process. If a student elects to have disposition by the Dean of Students, the following procedures shall apply:
    1. The Dean of Students shall notify the student within three (3) working days, in writing, of the alleged charges against him or her and proceed to initiate an investigation.
    2. The investigation of the case shall include interviews with all relevant parties (accused, accuser, and possible witnesses, etc.).
    3. The Dean of Students shall review the evidence, make a determination of innocence or guilt, and decide upon a proper disciplinary sanction within ten (10) working days.
    4. The accused student and the Dean of Students shall meet to discuss the Dean of Students's findings and recommended disciplinary sanction. The findings shall cite specific disciplinary offenses and specific sanctions as described in these regulations. The decision of the Dean of Students is final.
  - b. **Institutional hearing before the Student Affairs Committee.** A student accused of violating an offense may choose to have the case heard by the Student Affairs Committee. The committee, appointed by the President, is comprised of four faculty members, two student members, and the Dean of Students, who serves as ex-officio. The appointment of faculty members shall be reviewed annually;

reappointment can occur. The student members are selected annually.

- c. If a student elects to have a hearing by the Student Affairs Committee, the following procedures shall apply:
  1. The Dean of Students shall notify the student within three (3) working days, in writing, of the alleged charges and initiate an investigation.
  2. At the conclusion of the investigation, the accused student shall be informed in writing of the date, time, and place of the hearing not less than ten (10) days prior to the day of the hearing. The student may attend the hearing to present his or her case. However, the student's absence, absent good cause, will not hinder the Student Affairs Committee from meeting and rendering a decision.
  3. The Chairperson of the Student Affairs Committee shall preside at the hearing.
  4. The Dean of Students shall present the results of the investigation and when appropriate make a recommendation to the Committee. Witnesses and/or statements from witnesses may be entered as evidence.
  5. The accused shall have an opportunity to present his/her case in exercising any of the rights cited in Due Process for Institutional Hearing provisions of this policy.
  6. Members of the Committee shall have an opportunity to ask questions.
  7. After all evidence, presentations, and examinations of witnesses, the Committee shall retire to discuss the case and render a decision.
  8. Within a reasonable time, or three (3) working days, after the committee has rendered a decision, the presiding officer of the hearing will communicate the decision to all parties.
  9. The student shall be advised of his or her right to appeal the decision of the Student Affairs Committee. The student will provide in writing to the Vice President of Student Affairs, within three (3) working days, notification to appeal. Failure to timely file the appeal shall constitute a waiver of any right to appeal. The Vice President of Student Affairs will render a final decision within ten (10) working days.
4. Due Process for Institutional Hearings: The following process applies to institutional hearings before the Student Affairs Committee at Motlow College.

- a. The Dean of Students shall notify the student within a three-day period, in writing, of the alleged charges and initiate an investigation.
- b. At the conclusion of the investigation, the accused student will be informed in writing of the date, time and place of the hearing not less than ten (10) days prior to the day of the hearing.
- c. The student shall be advised of the following rights applicable at the hearing:
  1. The right to present his or her case,
  2. The right to be accompanied by an advisor. The advisor's participation shall be limited, however, to advising the student and shall not include representing the student,
  3. The right to call witnesses on his or her behalf,
  4. The right to confront witnesses against him or her, and
  5. The student shall be advised of the method and time limitations for appeal if any is applicable.

Students subject to any disciplinary sanction are entitled to a due process hearing unless that right is waived by the student after receiving written notice of the available procedure.

5. **Interim Suspension Hearings:** Hearings conducted with regard to interim suspensions imposed pending the outcome of a disciplinary investigation or proceeding shall be conducted consistent with the due process for institutional hearings, taking into account the need for a timely hearing. The evidence presented at the hearing shall be limited to that which is relevant to the basis asserted from imposition of the interim suspension.
6. **Alternative Resolution Procedures:** Motlow College is authorized to establish alternative or multiple methods/bodies for hearings and/or for the resolution of disciplinary matters, with the consent of all relevant parties. Alternative resolution methods may include, but are not limited to, mediation, diversion programs, and/or negotiated resolutions.
7. The President of the College is authorized, at his or her discretion, to intervene in order to negotiate a mutually acceptable resolution to any disciplinary proceeding, or, subsequently, to convert any finding or sanction imposed to a lesser finding or sanction, or to rescind any previous finding or sanction, in appropriate cases.

*This policy is promulgated pursuant to, and in compliance with, TBR Rule 0240-02-03-.06 Disciplinary Procedures and due Process. To the extent that a conflict exists between this policy and TBR rule, policy and/or applicable law(s), the TBR rule, policy and/or law will control. History – Adopted by TBR: 12/8/11. Effective: 1/29/12.*

# DISCRIMINATION, HARASSMENT, AND SEXUAL MISCONDUCT POLICY AND PROCEDURES

## I. **General Policy**

It is the intent of Motlow State Community College that no individual shall be discriminated against on the basis of race, color, religion, creed, ethnic or national origin, sex, sexual orientation, gender identity/expression, disability, age (as applicable), status as a covered veteran, genetic information, and any other category protected by federal or state civil rights law. In promulgating this policy statement, it is the College's intent to fully comply with Executive Order 11246, as amended; the Rehabilitation Act of 1973; Americans with Disabilities Act of 1990; the Vietnam Era Veterans Readjustment Act of 1974, as amended; the Equal Pay Act of 1963, as amended; the Age Discrimination in Employment Act of 1967, as amended the Age Discrimination Act of 1975; the Pregnancy Discrimination Act, Title VI of the Civil Rights Act of 1964 as amended, Title VII of the Civil Rights Act as amended, Title IX of the Education Amendments of 1972, §485(f) of the HEA, as amended by §304 of the Violence Against Women Reauthorization Act of 2013, the regulations implementing these Acts found at 34 CFR §668.41, §668.46, and Appendix A to Subpart D of Part 668; and Sections 799A and 845 of the Public Health Service Act and Regulations issued pursuant thereto found at 45 CFR Parts 83 and 86, as well as all applicable state statutes and all regulations promulgated pursuant thereto.

The purpose of this policy is to supplement Tennessee Board of Regents Policies, 8:01:00:00; Prohibition Against Discrimination, Harassment, and Sexual Misconduct, 8:02:00:00; Sex Discrimination, Sexual Harassment or Sexual Misconduct, 8:03:00:00; Sex Discrimination and Sexual Harassment; 2:02:10:01 Sex Discrimination; Sexual Harassment or Sexual Misconduct; 5:01:02:00 Equal Employment Opportunity and Affirmative Action, and TBR Guidelines P-080 Discrimination Harassment Complaint Investigation Procedure, and G-125 Filing Title VI Complaints.

All students and employees are subject to this policy. Any faculty member, student, or staff found to have violated this policy by engaging in behavior constituting discrimination or harassment will be subject to disciplinary action which may include expulsion, termination, or other appropriate sanction.

All students and employees are to be knowledgeable of policies and guidelines concerning discrimination and harassment. All students and employees must promptly report to the Title IX/EEO Coordinator any complaint or conduct which might constitute harassment, whether the information concerning a complaint is received formally or informally. Failure to do so may result in disciplinary action up to and including expulsion, termination, or other appropriate sanction.

All students and employees are required to cooperate with investigations of alleged discrimination or harassment unless otherwise provided by law. Failure to cooperate

may result in disciplinary action up to and including termination. Students are also required to cooperate with these investigations. Failure to do so may result in disciplinary action up to and including expulsion, termination or other appropriate sanction.

Because Motlow College takes its responsibilities in this area seriously, it provides periodic training and education to employees and students regarding conduct that could violate this policy. All employees and students are expected to participate in such education and training. Further, all employees and students are encouraged to engage in reasonable, necessary, and safe bystander intervention to prevent and discourage all types of discrimination and harassment.

## **II. Applicable Policies and Procedures**

Complaints of sex discrimination or sexual harassment by or against students, faculty or staff shall be governed by Motlow Policy 8:02:00:00 Sex Discrimination, Sexual Harassment or Sexual Misconduct, 8:03:00:00 Sex Discrimination and Sexual Harassment, and 8:04:00:00 Discrimination and Harassment. Complaints of sexual misconduct shall be governed by Motlow Policies 8:02:00:00 Sex Discrimination, Sexual Harassment or Sexual Misconduct, 8:03:00:00 Sex Discrimination and Sexual Harassment, and 8:05:00:00 Sexual Misconduct. All other complaints of discrimination shall be governed by Motlow Policies 8:01:00:00 General Prohibition Against Discrimination, Harassment and Sexual Misconduct, 8:03:00:00 Sex Discrimination and Sexual Harassment, and 8:04:00:00 Discrimination and Harassment.



## *Graduation Requirements*

**To earn the Associate of Arts, The Associate of Fine Arts, the Associate of Science, the Associate of Science in Teaching, or the Associate of Applied Science Degree at Motlow State Community College, students must do the following:**

1. Complete curriculum requirements for the specific degree and major (and concentration or area of emphasis, if applicable) selected. No course or courses may be used to meet more than one requirement in a given program. These items apply to all programs completed for a degree:
  - a. Not fewer than sixty (60) semester hours of college-level credit.
  - b. A minimum of twenty-five percent (25%) of coursework must be completed in residence at Motlow State Community College.
  - c. A cumulative grade point average of not less than 2.00 ("C" average) for the degree program excluding all hours earned in learning support courses.
  - d. All learning support course requirements must be met and all high school deficiencies must be removed.

**To earn the Associate of Science in Teaching Degree at Motlow State Community College, students must meet each of the requirements listed above with the additional requirement that students who qualify for the A.S.T. must satisfy the following:**

- a. Attainment of a cumulative 2.75 grade point average
  - b. Successful completion of the PRAXIS I
  - c. Achievement of satisfactory rating on an index of suitability for the teaching profession
  - d. Achievement of "C" or better in ENGL 1010 and ENGL1020 and each of the Mathematics (MATH) and Education (EDU) courses in the curriculum.
2. An Intent to Graduate form and Cap and Gown Measurement form should be filed with the Office of Admissions and Records no later than the following dates: Spring Semester – March 15, Summer Semester – July 1, Fall Semester – October 25 by anyone who plans to receive a degree in May, August, or December of the current academic year.
3. Students who complete requirements by August should plan to participate in graduation the preceding May. Those who will not complete degree requirements until fall term must wait until the following spring to take part in the graduation ceremony.
4. **REQUIRED STUDENT ASSESSMENT AND PROGRAM EVALUATION:** All graduating students are required to take the ETS Proficiency Profile test designed to measure general education achievement, and graduates of career programs are required to take competency tests applicable to the chosen major for the purpose of evaluation of the career program, as required by public policy. Unless otherwise provided for in any individual program, no minimum score or level of achievement is required for graduation. Participation in testing is required for all graduating students. In order to comply fully with this provision, the student must authorize the release of his or her scores to Motlow College. Individual student scores will be treated as confidential.

## INTENT TO GRADUATE

Completing the Intent to Graduate process and participating in the graduation ceremony require that the student meet the following criteria:

1. **Complete all learning support.**
2. **For Spring and Summer graduates** – Be able to complete all program requirements described in the catalog of record by end of summer semester following the spring semester in which he/she plans to participate in the graduation ceremony.
3. **For Fall Graduates** – Be able to complete all program requirements described in the catalog of record by end of summer semester following the spring semester in which he/she plans to participate in the graduation ceremony.
4. **Have a minimum 2.00 cumulative GPA in all collegiate-level courses attempted at the time the Intent to Graduate form is filed.**
5. Pick up **Intent to Graduate** form (which includes the Cap and Gown Measurement form) from the Admissions and Records Office (Moore County) or Administrative Office (satellite campuses).
6. Print and attach **Graduating Planning System (GPS) degree audit** to the Intent to Graduate form.
7. Meet with an advisor to discuss graduation requirements and complete the **Intent to Graduate** form. An advisor must sign the Intent to Graduate form, signifying that you have met all degree requirements.
8. Have your advisor assist in completing any necessary substitution, waiver, and/or repeat forms.
9. Student should complete the **Cap and Gown Measurement Form.**
10. **Complete and submit the following completed documents to the Office of Admissions and Records office (Moore County) or Administrative Office (satellite campuses):**
  - GPS degree audit
  - Intent to Graduate Form
  - Substitution waiver and repeat forms, if necessary
  - Cap and Gown Measurement Form

**FORMS ARE DUE IN THE ADMISSIONS AND RECORDS OFFICE PRIOR TO THE DEADLINE:**

Semester	Deadline for Submission
Spring	March 15
Summer	July 1
Fall	October 25

11. **Complete competency examinations.** Register (via MyMotlow) and complete the ETS Proficiency Profile (Exit Exam). All students are required to take tests designed to

measure general education achievement. In addition, some students majoring in career programs may be required to take competency tests applicable to the chosen major for the purpose of evaluation of academic programs. Unless otherwise provided for in an individual program, no minimum score or level of achievement on these tests is required for graduation.

**(Intent to Graduate forms for students who fail to complete all requirements by the end of summer term following spring graduation are VOID. Students MUST submit a new Intent to Graduate form prior to the stated deadline immediately prior to their next anticipated date of graduation.)**

**The graduation ceremony is held at the end of spring semester each year. Students who have completed all degree requirements and those who will complete degree requirements in the summer term of the current year will be allowed to participate in the graduation ceremony.**

**Those who will not complete degree requirements until fall term must wait until the following spring to take part in the graduation ceremony.**

**Transcripts for students who complete degree requirements will be appropriately posted following the term in which the degree requirements are completed.**

### **INTENT TO RECEIVE A CERTIFICATE OF CREDIT**

An Intent to Receive a Certificate of Credit form must be completed by October 25 in the fall semester before the certificate of credit is to be awarded in December, May, or August of the current academic year. A student may obtain the form in the Office of Admissions and Records or in any department office. The completed form will indicate the certificate of credit to be received, the effective catalog year, and the projected date for completion of all program requirements. The student should verify the required information with the academic advisor and confirm with the advisor that all certificate of credit requirements will be met by the projected date of graduation. The completed form with the signature of the advisor is to be submitted to the Office of Admissions and Records by October 25 of the completion year. If a student does not finish the certificate of credit requirements during the year that the Intent form is filed, he/she should contact the Office of Admissions and Records during the term that requirements will be completed.

### **ETS PROFICIENCY PROFILE (EXIT EXAM)**

The ETS Proficiency Profile (Exit Exam) **is required** for all degree programs. This exam must be taken in the same semester that the final coursework is completed. For example, students who complete coursework in the summer term must take the ETS Exit Exam during the summer, even if the student participated in the graduation ceremony. Failure to take the ETS Exit Exam in the appropriate semester will result in a hold on the student's account; thereby, the student's transcript and/or diploma will not be released.

### **BUSINESS AND EDUCATION FIELD TESTS**

Students seeking any business-related degree must take an additional test. To register for this test, please see an advisor/instructor within the Business and Technology department.

Students seeking the Associate of Applied Science (A.A.S.) degree in the Early Childhood Education (ECED) must take an additional test. To register for this test, please see an advisor/instructor within the Education department.

## **CERTIFICATE OF CREDIT COMPLETION REQUIREMENTS**

The student who receives a certificate of credit may participate in graduation exercises. To receive a certificate of credit at Motlow State Community College, students must do the following:

1. All students must complete curriculum requirements for the specific certificate of credit program selected. A cumulative grade point average of not less than 2.00 ("C" average) is required excluding all hours earned in learning support courses.
2. An Intent to Receive a Certificate of Credit form must be filed with the Office of Admissions and Records no later than October 25 if the program is to be completed by May, August, or December of that year.
3. A Cap and Gown form must be completed.

## **AWARDING DEGREES OR CERTIFICATES OF CREDIT**

When a student has met all graduation or certificate-of-credit requirements, the transcript will be posted to indicate that the degree has been awarded, and a diploma or certificate of credit will be issued. The date of the award will correspond to the term in which the student completed all requirements. Students in degree programs who participate in graduation exercises and subsequently complete all other requirements will receive diplomas following the term in which all requirements are met.

## **RECEIVING A SECOND ASSOCIATE DEGREE**

A second degree will be awarded only when a student has completed a second associate degree of a different designation – Associate of Arts, Associate of Science, Associate of Science in Teaching, or Associate of Applied Science. The second-degree provision applies only to the designation, not to additional majors, concentrations, or areas of emphasis. The student will be governed by the provisions of the catalog in effect at the time work toward the second degree is initiated.

## **AWARDS AND HONORS**

Students graduating with an inclusive combined grade point average will receive the corresponding honor designation on their diplomas:

3.80–4.00 Summa Cum Laude

3.50–3.79 Magna Cum Laude

3.30–3.49 Cum Laude

## **DEAN'S LIST**

The Dean's List each semester includes names of full-time students who have a 3.50–4.00 GPA for collegiate-level courses for the semester.

## HONOR ROLL

The Honor Roll each semester includes names of full-time students who have a 3.00–3.49 GPA for collegiate-level courses for the semester.

## *Student Rights and Responsibilities*

### I. PREAMBLE

Academic institutions exist for the transmission of knowledge, the pursuit of truth, the development of students, and the general well-being of society. Free inquiry and free expression are indispensable to the attainment of these goals. As members of this academic community, students are encouraged to develop the capacity for critical judgment and to engage in a sustained and independent search for truth.

Freedom to teach and freedom to learn are inseparable facets of academic conditions in the classroom, on the campus, and in the community. Students should exercise their freedom with responsibility.

### II. STUDENT RIGHTS

#### A. Freedom of Access to Higher Education

Motlow State Community College is open to all students who are qualified according to its admissions standards.

#### B. Evaluation in the Classroom

Students are free to pursue their educational goals. Appropriate opportunities for learning in the classroom and on the campus are provided by the College. Student performance will be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards.

#### C. Protection of Freedom of Expression

Students are free to take reasoned exception to the data or views offered in any course of study and to reserve judgment about matters of opinion, but they are responsible for learning the content of any course of study in which they are enrolled.

#### D. Protection against Improper Academic Evaluation

Students have protection through orderly procedures against prejudiced or capricious academic evaluation. At the same time, they are responsible for maintaining standards of academic performance established for each course in which they are enrolled.

#### E. Protection against Improper Disclosure

The Family Educational Rights and Privacy Act of 1974 provides safeguards regarding the confidentiality of and access to student records, and this Act is adhered to by the College.

### III. DIVISIVE CONCEPTS AND FREEDOM OF EXPRESSION

This notice is intended to comply with the Tennessee Higher Education Freedom of Expression and Transparency Act (the "Act") and to reflect the Board of Regents' and institutional commitment to freedom of speech and academic freedom.

#### 1. Definitions

##### A. **Divisive Concept** means a concept that:

1. One (1) race or sex is inherently superior or inferior to another race or sex;
2. An individual, by virtue of the individual's race or sex, is inherently privileged, racist, sexist, or oppressive, whether consciously or subconsciously;
3. An individual should be discriminated against or receive adverse treatment because of the individual's race or sex;
4. An individual's moral character is determined by the individual's race or sex;
5. An individual, by virtue of the individual's race or sex, bears responsibility for actions committed in the past by other members of the same race or sex;
6. An individual should feel discomfort, guilt, anguish, or another form of psychological distress solely because of the individual's race or sex;
7. A meritocracy is inherently racist or sexist, or designed by a particular race or sex to oppress another race or sex;
8. This state or the United States is fundamentally or irredeemably racist or sexist;
9. Promotes or advocates the violent overthrow of the United States government;
10. Promotes division between, or resentment of, a race, sex, religion, creed, nonviolent political affiliation, social class, or class of people;
11. Ascribes character traits, values, moral or ethical codes, privileges, or beliefs to a race or sex, or to an individual because of the individual's race or sex;
12. The rule of law does not exist, but instead is a series of power relationships and struggles among racial or other groups;
13. All Americans are not created equal and are not endowed by their Creator with certain unalienable rights, including, life, liberty, and the pursuit of happiness;
14. Governments should deny to any person within the government's jurisdiction the equal protection of the law;
15. Includes race or sex stereotyping; or
16. Includes race or sex scapegoating.

- B. **Faculty** means any person, whether or not the person is compensated by the institution, and regardless of political affiliation, who is tasked with providing scholarship, academic research, or teaching. "Faculty" includes tenured and nontenured professors, adjunct professors, visiting professors, lecturers, graduate student instructors, and those in comparable positions, however titled. "Faculty" does not include persons whose primary responsibilities are administrative or managerial.
  - C. **Race or sex scapegoating** means assigning fault, blame, or bias to a race or sex, or to members of a race or sex, because of their race or sex, and includes any claim that, consciously or subconsciously, and by virtue of a person's race or sex, members of a race are inherently racist or inclined to oppress others, or that members of a sex are inherently sexist or inclined to oppress others.
  - D. **Race or sex stereotyping** means ascribing character traits, values, moral and ethical codes, privileges, status, or beliefs to a race or sex, or to an individual because of the individual's race or sex.
2. Freedom of Speech, Freedom of Expression, and Academic Freedom
- A. Nothing in this notice or the Act shall be interpreted to:
    1. Infringe on freedom of speech protected by the First Amendment to the United States Constitution, the Tennessee Constitution, or the Tennessee Campus Free Speech Protection Act, as explained in Freedom of Speech and Expression : 1.03.02.60 | policies.tbr.edu;
    2. Infringe on the rights of academic freedom of faculty and other instructors as protected by the First Amendment to the United States Constitution, the Tennessee Constitution, or the Tennessee Campus Free Speech Protection Act, as explained in Freedom of Speech and Expression : 1.03.02.60 | policies.tbr.edu;
    3. Require an employee to:
      - a. Violate any federal or state law, rule, or regulation; or
      - b. Fail to comply with any applicable academic accreditation requirement;
    4. Prohibit an institution from training students or employees on the nondiscrimination requirements of federal or state law; or
    5. Prohibit an institution from promoting diversity, equity, and inclusion, provided that those efforts are consistent with State law.
3. Prohibited Activity
- A. Neither the institution nor any employee shall penalize, discriminate against, or engage in any adverse treatment due to a student's or employee's refusal to support, believe, endorse, embrace, confess, act upon, or otherwise assent to one or more divisive concepts.
  - B. Neither the institution nor any employee shall require a student or employee to endorse a specific ideology or political viewpoint to be eligible for hiring, tenure, promotion, or graduation.



- C. Neither the institution nor any employee shall ask the ideological or political viewpoint of an applicant for admission, student, job applicant, job candidate, or candidate for promotion or tenure. This Section shall not be construed to prohibit classroom instruction or discussion, to prohibit any other teaching or pedagogical activity, to interfere with academic freedom, or to violate the Campus Free Speech Protection Act, as explained in Freedom of Speech and Expression : 1.03.02.60 | policies.tbr.edu.
- 4. Investigation and Resolution of Complaints
    - A. A student or employee who believes that the institution or an employee has engaged in Prohibited Activity may file a complaint by submitting a complaint to Submitting a Comment, Complaint or Request | Tennessee Board of Regents (tbr.edu).

## PRIVACY RIGHTS OF STUDENTS

The education records of current and former students at Motlow State Community College are maintained as confidential records pursuant to The Family Educational Rights and Privacy Act (FERPA) of 1974 as amended. Students have the right of access to their own education records as hereinafter set forth, and personally identifiable education records of students are not released to persons, agencies, or organizations without the consent of the student unless release is authorized by law and by this institution.

Directory information concerning students is treated as public information and is released to the public unless otherwise requested by the student. "Directory information" includes the following: the student's name, address, email address, telephone listing, date and place of birth, class schedule, full-time/part-time status, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, the most recent previous educational agency or institution attended by the student, and the degrees and awards received by the student. Directory information is released to other students for car pool purposes. At the time a student registers for courses, the student may request in writing that any or all directory information concerning the student not be released as public information. This request for non-disclosure shall be made each semester to remain in effect. If the student does not wish directory information to be released, the student's name will not appear in public listings released by the College such as Dean's List, Honor Roll list, or Graduation list.

A student's right to access his/her education records includes the right to inspect and review content of such records. A request by a student for access to his/her education records should be directed to the Assistant Vice President of Student Success and will be granted within a reasonable period of time not to exceed forty-five days after the request has been made. The student has the right to seek amendment of the records that the student believes to be inaccurate, misleading, or otherwise in violation of the student's privacy rights.

The student has the right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are:

Family Compliance Office  
U.S. Department of Education  
600 Independence Avenue, SW  
Washington, DC 20202-4605

Any student who believes that information contained in the education records is inaccurate or misleading or violates the privacy rights of the student may request that the records be amended. After a reasonable period of time, if the institution decides to refuse to amend the education records, the student shall be informed in writing and shall be advised by the Assistant Vice President for Student Success of his or her right to a hearing before the Student Affairs Committee and the procedures for the hearing. Following a hearing, if the institution decides that the records should not be amended, the student shall have the right to place a written statement in the records concerning the contested information; this statement shall be maintained by the institution as long as the contested information is maintained and which shall be disclosed to any party to whom the contested information is disclosed.

Information concerning education records which is personally identifiable with a particular student, other than directory information shall not be released to persons, agencies, or organizations other than those hereinafter described unless:

1. There is written consent from the student specifying the records to be released, the reason for the release, and to whom the information is to be released, with a copy to the student if requested; or
2. Such information is furnished in compliance with a judicial order or subpoena, provided that advance notice of the receipt of the order or subpoena shall be provided to the student prior to compliance, if possible. Personally identifiable education records may be released to other school officials of the institution, including members of the faculty who have legitimate educational interest.

In addition, such information may be released to the following described persons, agencies, and organizations:

1. MSCC officials — A College official is a person employed by the College in an administrative, supervisory, academic, or support staff position; a person or company with whom the College has contracted (such as an attorney, auditor, or collection agency); a person serving on staff at the Tennessee Board of Regents; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another College official in performing his or her tasks. A College official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility;
2. Officials of other schools in which the student seeks or intends to enroll;
3. Auditors or evaluators of compliance with educational programs, including accrediting agencies;
4. Those involved in connection with a student's application for receipt of financial aid;
5. Organizations conducting studies on behalf of the institution;
6. Appropriate persons in connection with an emergency if such knowledge is necessary to protect the health or safety of a student or other person;
7. Law enforcement officials in compliance with a judicial order or subpoena;

8. Officials serving the student in the juvenile justice system;
9. Directory information;
10. Disclosure to an alleged victim of any violence, as that term is defined in Section 16 of Title 18, United States Code, of the results of any disciplinary proceeding conducted by the college against the alleged perpetrator of the crime with respect to that crime.

A record of access shall be maintained by the institution in the Office of Student Success reflecting all individual agencies or organizations having requested or obtained access to a student's education records and specifying the legitimate interest of the party obtaining the information; this record shall be available to the student.

## **CLASS ATTENDANCE**

Unless prevented by circumstances beyond his/her control or absent on the basis of an institutionally approved absence, a student is expected to attend regularly all classes for which he/she is registered. Regardless of the cause or nature of the absence, the student is responsible for the material covered or assigned during the absence.

Each faculty member is responsible for explaining, in writing, at the beginning of each course his/her practice in the treatment of absences. When regular attendance is a definite part of the total performance expected for the satisfactory completion of a course, an unsatisfactory attendance record may adversely affect the final grade recorded for the course.

Students may be given an institutional excuse for absence on the basis that the student represents the College at a public event in the interest of the College or is engaged in an activity such as a field trip, which contributes to the education of the student. In granting an institutional excuse for absence, the College does not excuse the student from the responsibility for material covered or assigned during the absence.

## **STUDENT COMPLAINT PROCEDURE**

Motlow College strives to provide the best instructional atmosphere and level of service to all students. At times, however, students may have an issue, concern, or complaint regarding their educational experience. In such cases, the College strives to resolve issues as quickly as possible and at the level closest to the issue.

Students should follow the procedures listed below to resolve their concerns or complaints for matters not involving grade appeals or disciplinary matters. The process for grade appeals and all disciplinary matters are described in the MSCC Catalog in the Academic Affairs section of the catalog.

### **Informal Resolution**

The first step a student should take in resolving a concern or complaint is to directly address the faculty member or staff member in question. There may be some cases in which a student might feel uncomfortable directly addressing the faculty or staff member. If this is the case, the student should speak to the academic department head in the case of a faculty member or to the supervisor in the case of a staff member. If there is no resolution at that level, the student may file a formal, written complaint.

## **Formal Resolution**

Students who have attempted to resolve their complaints informally and need further resolution may file a formal complaint. Students should fully complete and submit the electronic student complaint form, available via MyMotlow. This form will be submitted to the appropriate Vice President or administrator over the unit in question. An investigation will be conducted within ten (10) working days of receiving the complaint. A decision, as a result of the investigation, will be communicated to the student no more than thirty (30) working days of receiving the complaint. A written appeal may be filed within five (5) days of the decision to the appropriate Vice President over the unit in question. The Vice President will communicate his/her decision on the appeal within ten (10) working days. The decision of the Vice President is final.

## **COMPLAINTS CONCERNING ACCREDITATION OR VIOLATIONS OF STATE LAW**

Students or prospective students who wish to file a complaint related to accreditation or regarding violations of state law not resolved at the institution may submit a Student Complaint Form to the Tennessee Board of Regents at 1415 Murfreesboro Road, Suite 340, Nashville, Tennessee 37217, or by going online and filling out the Program Integrity Student Complaint Form. Under Tennessee's open records law, all or parts of complaints will generally be available for review upon request from a member of the public.

Complaints regarding accreditation can also be made by contacting the Southern Association of Colleges and Schools Commission on Colleges, 1866 Southern Lane, Decatur, Georgia 30033-4097, Telephone: 404-679-4500.

Complaints of fraud, waste, or abuse may be made by email at [reportfraud@tbr.edu](mailto:reportfraud@tbr.edu) or by calling the Tennessee Comptroller's Hotline for Fraud, Waste and Abuse at 1-800-232-5454.

## **MINORS ON CAMPUS**

As an institution of higher education, Motlow State Community College must preserve conditions which will permit a proper learning and work environment at all times. Students, faculty, and staff are not approved to leave minors unsupervised on campus. It is not the intent of this policy to prevent children in the accompaniment of an adult from visiting the campus. However, consideration for the learning environment of the students, the work routine of staff employees, and the safety of the children requires that if children on campus with their parents become disruptive, their parents will be asked to remove them. When extenuating circumstances occur, children will be allowed to accompany parents to class only with the prior approval of the instructor.

In certain circumstances, children may be on campus for classes held for their benefit (programs for the academically talented, field trips, etc.). At such times, it is expected that the instructor or responsible adult will supervise the activities of the children and that before and after the class, an area will be designated for the children to await their parents' arrival. It is the responsibility of the supervisor/instructor of these activities to explain these restrictions to the children and to monitor the enforcement where feasible.

In all circumstances related to children on campus, it is the expectation of the institution that good judgment be exercised in preventing disruption of the office routine or learning

environment while at the same time exhibiting concern about the safety of children who are visitors to the campus. Where conditions exist which do not appear to be covered by this policy, inquiry should be made through the appropriate Campus Academic Dean or Assistant Academic Dean, who will work in consultation with the Dean of Students.

## *Student Services and Activities*

### COOPERATIVE EDUCATION

Motlow College provides a cooperative education program as an integral part of its efforts to link practical work experience to the student's educational program. Students who successfully complete the cooperative work assignments will be awarded two semester hours of credit for a maximum of two terms. The work assignment must be related to the student's program of study or career goals and approved by the program coordinator. The cooperative education classes are graded on a Pass/Fail basis. For more information on course requirements, see the course descriptions section of this catalog. Additional information is available at each location as follows:

Moore County – 931-393-1849

Smyrna Center – 615-220-7886

McMinnville Center – 931-668-7010 ext: 2114

Fayetteville Center – 931-433-9350

### DISABILITY SERVICES

Motlow State Community College is committed to meeting the needs of qualified students with disabilities by providing equal access to educational opportunities, programs, and activities in the most integrated setting appropriate. This commitment is consistent with the College's obligations under Section 504 of the Rehabilitation Act of 1973 and with the Americans with Disabilities Act (ADA) of 1990 (as amended in 2008). Together, these laws prohibit discrimination against qualified persons with disabilities.

All students seeking assistance through Disability Services must self-disclose the presence and nature of a specific disability to the Office of Disability Services. Before receiving requested accommodations, students are required to obtain current documentation (within the last 3 to 5 years) of the disability. Documentation may include records or written statements from a professional who is licensed to practice in the field appropriate for diagnosing and/or treating the disability in question—a physician, optometrist, audiologist, physical or occupational therapist, psychologist, etc.

The Office of Disability Services coordinates services for students with disabilities at all Motlow College campuses. The disability service staff serve as advocates and liaisons for students with disabilities attending the College. The offices are located in Crouch Building, Room 1042 on Moore County campus and Room 136 in the Walker Building on the Smyrna campus. For assistance with services at the Moore County, McMinnville and Fayetteville campuses, please call 931-393-1765 or email [bchampion@mscc.edu](mailto:bchampion@mscc.edu). For assistance at the Smyrna campus, please call 615-220-7857 or email [ypierce@mscc.edu](mailto:ypierce@mscc.edu).

### NEW STUDENT ORIENTATION

A comprehensive New Student Orientation program is required of all first-time freshmen prior to registration for classes. New student orientation is designed to introduce new students to college life, to inform students about resources that Motlow has to offer, to share about campus

activities and organizations, and to provide the student with advisement and registration assistance. For more information regarding new student orientation, contact the assistant director of student services at any Motlow campus.

## COMPLETION COACHES

Completion Coaches are located on the Fayetteville, McMinnville, Moore County, and Smyrna campuses and serve as a valuable college resource to students. All freshman students are assigned a completion coach at their primary campus. Coaches will meet with students to discuss their career and academic interests and provide resources to assist students toward successfully achieving their academic goals. Students will be encouraged to take an active role in their learning and education, which ultimately impacts student retention and graduation.

## CAREER PLANNING

Completion coaches also assist students with career-planning resources to achieve their educational and career goals by offering many helpful tools and career-enhancement opportunities.

Career Planning administers an "Interest Inventories" career assessment survey which helps students examine their educational and career pathways. This survey is administered online and contains three parts: Career Search with Person Match, Skills Assessment, and Work Values Inventory. Students are encouraged to call for appointments.

This unit facilitates potential employment opportunities by posting full- and part-time job listings as well as volunteer opportunities on its webpages. Students are encouraged to contact the companies directly. If there are questions, students may call 931-393-1719 or 931-393-1612.

Students who need assistance in résumé preparation, interviewing techniques, and job-seeking strategies may contact us for guidance. This unit also coordinates Career Fairs and industry awareness days for students pursuing employment.

## STUDENT HEALTH AND ACCIDENT INSURANCE

Motlow offers a non-compulsory student health and accident policy which will provide protection for students at a very competitive rate. For policy information, contact the Office of Student Affairs on the Moore County campus or the director's office at the Fayetteville, McMinnville, and the Smyrna campuses.

## EMERGENCY MESSAGE SERVICES

On occasion when an emergency message needs to be delivered to a student at one of the College locations, that message should be directed as follows:

Moore County Campus	Office of Student Affairs (Day Only)	931-393-1690
Moore County Campus	Library (Evening Only)	931-393-1670
Fayetteville Center	Director's Office (Day and Evening)	931-438-0028

McMinnville Center	Director's Office (Day and Evening)	931-668-7010
Smyrna Center	Director's Office (Day and Evening)	615-220-7800

## COUNSELING SERVICES

Counseling Services is designed to assist students in learning ways to cope with or resolve causes of distress. Licensed therapists are available at campus locations to provide free short-term counseling services and can also assist with referrals to community resources. To find more information, please visit the Counseling Services webpage.

## STUDENT CENTER FACILITIES

Forrester Student Center on the Moore County campus houses the Tipps Bookstore and the cafeteria. Commercial television viewing is available in the Student Activities and Resource Center (SARC). The cafeteria, located in Forrester Student Center, is operated by a private vendor. Breakfast and lunch, as well as short-order snacks, are served. Drink and vending machines are located in all buildings on all campuses.

## BOOKS AND SUPPLIES

Students attending Motlow State Community College have several options when purchasing textbooks and supplies. Motlow College Bookstore, operated by Follett Higher Education Group, Inc., carries all required textbooks and student supplies which are selected and officially approved by the faculty. Motlow College Bookstore locations include the Tipps Bookstore on the Moore County Campus, the McMinnville Campus Bookstore at the Tennessee College of Applied Technology Center in McMinnville, and at the Smyrna Campus Bookstore. All students' academic needs may be served by ordering textbooks and supplies on the Bookstore's website using a credit card. A nominal fee is charged for shipping. Textbooks and supplies may be reserved online at the bookstore online address.

### **Refund Policy**

Textbooks may be returned for full credit if the book is (1) accompanied by a sales receipt; (2) unmarked (if purchased new); and (3) returned within specified time. Regular-term textbooks may be returned for full credit up to 7 calendar days from the opening day of classes (or within 2 days if purchased thereafter). Summer-term textbooks must be returned within 2 days from the opening day of class for full refund. All textbooks with defective publication will be replaced throughout the term. There are no refunds for textbooks purchased during the last week of classes or during final exam week.

### **Buyback Policy**

Cash is paid for used books throughout the year. The buyback price is determined by the future class use of the book at Motlow College and the inventory levels at the bookstore. Up to 50% is paid on all textbook editions which have been adopted for the next term (as long as the demand equals or exceeds the supply). To receive maximum value of a textbook, the textbook should be sold as soon after the last class as possible, the time when inventory is most depleted and need is the greatest. For example, by the first day of



class, a book may not be worth 50% because the inventory level may be adequate. As an additional service, non-adopted textbooks which are current editions and in good condition will be purchased at the current market value based upon a national college textbook market guide.

### **Bookstore Hours**

Please see the Bookstore webpage for current store hours and information for all campuses.

## **STUDENT ACTIVITIES**

### **ATHLETICS**

The College sponsors intercollegiate athletics under the supervision of the faculty in health, physical education, and recreation.

The intercollegiate program sponsors teams in men's basketball and baseball and women's basketball, soccer and fast-pitch softball. These teams compete in a regular schedule with teams from other recognized institutions of the same scholastic levels as Motlow State Community College. To participate in intercollegiate athletics, students must meet the eligibility requirements of the National Junior College Athletic Association (NJCAA) and the Tennessee Community College Athletic Association (TCCAA).

### **SOCIAL EVENTS AND ACTIVITIES**

Don't just go through college; let college go through you!

At Motlow, we encourage you to not just attend college but to *experience* college. One way for students to enrich their college experience is to participate in as many co-curricular activities as possible. These activities provide students with opportunities for fellowship with other students, interaction with faculty, leadership, and community involvement. As you pursue your educational goals, we encourage you to become involved with campus activities, organizations, clubs, and student government.

### **STUDENT GOVERNMENT ASSOCIATION**

The Student Government Association is a united group of individuals who are dedicated to expressing the needs of their student body. Each Motlow campus has its own elected student government officials consisting of a vice president, sophomore and freshman senators, as well as other appointed officials. Sophomore members are elected in the spring, and freshman members are elected in the fall.

The President of the Student Government Association serves as a liaison among SGA on each campus. The Smyrna, McMinnville, Moore, and Fayetteville campuses maintain a separate administrative structure for the Student Government Association, each led by an executive vice president on the respective campus. Each addresses issues unique to that campus including student activities, student concerns, and community projects.

### **STUDENT ORGANIZATIONS**

There are a number of nationally recognized organizations at Motlow. Exceptional faculty make these organizations enriching and valuable for the skills, knowledge, and experience you will gain. The relationships you will build with faculty and peers cannot be understated. You will find

added value to your educational experience, whether in the Honors Program, Phi Theta Kappa, Skills USA, American Chemical Society, Psi Beta, or the Student Nurses Association. Each organization has its own requirements, and many of them travel to various activities and national conferences.

### **STUDY ABROAD PROGRAMS AND OTHER LEARNING OPPORTUNITIES**

The Tennessee Consortium for International Studies (TnCIS) represents a group of TBR colleges and universities (including Motlow College) devoted to making international education and cultural understanding a central goal of higher education throughout the state of Tennessee. TnCIS sponsors an annual conference on international education and provides summer study abroad opportunities in Europe, Asia, Africa, and South America for students of member institutions. For more information about the programs offered and application procedures, please visit the TnCIS website.

## *Department of Workforce Innovation*

Motlow's Workforce Innovation department provides technical skills training, continuing education, and professional development programming.

Our Workforce Innovation initiatives strategically serve Motlow's southern middle Tennessee counties by providing individuals and the workforce of local business and industry with access to the high-demand training and skills required of workforce professionals in this 21st century economy.

As a service to the residents within our region we provide multiple open-enrollment training, professional development and personal interest courses at each of our campus locations.

To support local business, industry and government we provide customized workforce training programs to align with employer requests.

As a community college we are also able to issue Continuing Educational Units, CEU, "certificates of completion" to our workforce program participants.

## THE CONTINUING EDUCATION UNIT (CEU)

The Continuing Education Unit (CEU) is awarded upon successful completion of certain training courses or activities. One CEU is defined as "ten contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction."

*To meet conditions for satisfactory completion, participants must:*

1. Be properly registered and pay all fees
2. Attend a minimum of 75 percent of scheduled classes
3. Achieve a "satisfactory" rating from the instructor and receive a certificate

## CAMPUS ROOM RESERVATIONS

In addition to providing continuing education, open-enrollment training courses, and delivering workforce training via business and industry contracts, Motlow's Workforce division manages all Campus Room Reservations.

Specifically, this unit administers the "Use of Campus Property and Facilities Reservation" by ensuring Policy & Procedure No 3:02:02:00 is adhered to, and utilizing the "Facilities Request / Student Event / Visiting Speaker" electronic form. We serve as the Motlow State point of contact to off-campus individual or group requests, including the negotiation of room rental charges.

Requests are submitted, reviewed, and approved through Motlow's online Room Reservations system. The Room Reservations form can be found on our website. Select Workforce Development – Room Reservations web page or click here: [Submit a Room Reservations](#)

## CONTACT

The Workforce Innovation division is open Monday through Friday 8:00 a.m. - 4:30 p.m. and is located on the 2nd floor in the Marcum Technology Center. The phone contact is 931-393-1760 or email [workforce@mscc.edu](mailto:workforce@mscc.edu).

# Faculty, Staff, and Administration

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## ADMINISTRATION & STAFF

### Office of the President

Michael Torrence	President
Alissa Roebuck	Executive Administrator
Brenda Cannon	Executive Director of Community Relations
Barbara Scales	Executive Director of Diversity, Equity & Inclusion; Title IX/Title VI Coordinator
Jeanna Scholz	Compliance and Equity Specialist; Deputy Title IX/Title VI Coordinator
Tracy Boatman	Records and Retention Coordinator
Charle Coffey	Director of Special Projects

### Office of the Foundation and Alumni Association

J. Mark Hutchins	Assistant Vice President for Corporate and Foundation Services
Daly Haughton	Assistant Treasurer and Accountant for Foundation Services
Phyllis Daniel	Executive Secretary

### Office of the Executive Vice President of Business and Finance

Renee Austin	Executive Vice President for Business and Finance
Michele Brown	Bursar
Ysel Gonzalez	Account Clerk III
Tracey Harden	Account Clerk II - Lead Cashier
Sheri Hise	Senior Accountant
Lisa Kane	Account Clerk III - Accounts Receivable
Emily O'Neal	Account Clerk III - Accounts Payable

### Office of the Executive Vice President of Academic Affairs

Regina Verdin	EVP of Academic Affairs; Chief Academic Officer
Stacy Hearn	Manager of Academic Operations
Ramona Shelton	Director, Academic Resource Center

Desiree Vannatta Director, Educational Support Services  
Whitney Fletcher Academic Scheduling Analyst  
Kelsey Adams Academic Services Coordinator

**Office of the Executive Vice President for Student Success**

Brelinda Johnson Executive Vice President for Student Success  
Estelle Davis Student Success Administrator  
Jonathan Graham Director of Tennessee Promise  
Eric Murry Adult Initiatives Program Manager  
Clay Caldwell Enrollment Specialist  
Sarah Mankin Enrollment Assistant  
Autumn Lamberson Enrollment Assistant  
Tabitha Smitty Enrollment Assistant

**Office of the Vice President of Academic Affairs**

Meagan McManus Interim Assistant Vice President for Academic Affairs  
Leah Seier Executive Administrative Assistant  
Phyllis Adams Director, Accelerated Programs  
Nathan Sweeton Coordinator, Honors Program

**Office of the Vice President of External Affairs**

Terri Bryson Vice President of External Affairs  
Davis Seal Director of Operations for External Affairs  
Kyle Henn Graphic Designer & Marketing Specialist  
Andrew Lamb Digital Marketing Content Specialist (Webmaster)  
Sarah Raymond Staff Writer  
Rachel Key Social Media & Marketing Coordinator  
Christian O'Grady Videographer/Photographer & Digital Media Specialist  
Elizabeth Daugherty Executive Secretary

**Office of Institutional Effectiveness**

Chatney Spencer Director of Institutional Research and Effectiveness

Tiffany Phillips      Assistant Director of Institutional Research, Effectiveness, and Assessment

Erica Newman      Research Technician

Michelle McEwen      Administrative Project Coordinator

**Office of the Dean of Academic Technology**

Terry Durham      Dean of Academic Technology

April Harris      Learning Management System Analyst

Heidi Parker      Secretary III

**Office of the Dean of Career and Technical Programs**

Gina Burke      Interim Dean of Career and Technical Programs; Instructor, Accounting

Larry Flatt      Executive Director of Automation & Robotics Training Center

Tracey Lee      Department Lead, Business & Technology

Eric Reynolds      Director of Mechatronics

Cara Carlson      Administrative Secretary

Elijah Seals      Cyber Lab Technician

**Office of the Dean of Health Sciences**

Amy Holder      Dean of Allied Health & Nursing

Brittany Clark      Interim Director of Nursing Education

Houston Austin      Director of EMS Education

Barbara Lowery      Director of Medical Laboratory Technology Education

Marian Stewart      Nursing Clinical Coordinator

Kenny Moffitt      EMT/AEMT Coordinator

Brian Williams      EMT/AEMT Coordinator

Michael Peveto      Paramedic Coordinator

Ashley Wingard      Paramedic Clinical Coordinator

Tammy Langston      Administrative Secretary

**Office of the Dean of Humanities & Social and Behavioral Sciences**

Pamela Harris      Dean of Humanities & Social and Behavioral Sciences; Associate Professor,  
Psychology and Sociology

Daisy  
Martinez Administrative Secretary

David  
Bethea Department Lead, Music & Theatre

Monica  
Butler Department Lead, Social & Behavioral Sciences

Brian  
Robinson Department Lead, Art & Communications

**Office of the Dean of Languages & Education**

Misty Mazzie Dean of Languages & Education

Tom Cruz Department Lead, Languages

Debra Simpson Department Lead, Education

**Office of the Dean of Mathematics & Natural Science**

Laura Booth Patterson Dean of Mathematics & Natural Science

Alix Rude Administrative Secretary

Stacy Dowd Department Lead, Natural Science

Elaine Robinson Department Lead, Math

**Office of the Fayetteville Campus Engagement Director**

Eric Reynolds Interim Fayetteville Campus Engagement Director

Brett Harrell Administrative Secretary

Sharon Bell Secretary II

**Office of the McMinnville Campus Engagement Director**

Larry Flatt McMinnville Campus Engagement Director

Katie Slatton Secretary II

**Office of Smyrna Campus Engagement Director**

Gary Winton Smyrna Campus Engagement Director

Austin Neyman Secretary II

**Office of the Sparta Site Director**

Thomas Turner Sparta Site Director

Allison Stiles Secretary II

### **Office of High School Initiatives**

Sally Pack	Director of High School Initiatives
Debbie Jennings	High Schools Program Specialist, McMinnville
Edie Brasher	High School Programs Coordinator, Smyrna/Rutherford Co.
Marla Rudd	High Schools Programs Specialist, Moore Co.
Michelle Walker	High School Programs Specialist, Fayetteville

### **Office of Testing Services**

Marie Mosley	Coordinator of Testing
Tina Grizzard	Testing Coordinator I
Dianne Anderson	Proctor, McMinnville
Carolyn Wells	Proctor, Fayetteville
Brenda Wilson	Proctor, Smyrna

### **Office of the Dean of Libraries**

Sharon Edwards	Dean of Libraries
Elizabeth Lamb	Library Technical Services Coordinator, Moore
John Lichtman	Library Associate III, Smyrna
Carla Logue	Reference & Interlibrary Loan Librarian, Moore
Nelson Maddaloni	Circulation Supervisor, Library Associate III, Smyrna
Roger Merritt	Library Associate III, Moore
Sherian Oakley	Secretary III
Jennifer Robinson	Library Associate III, Moore
Kelly Tilton	Branch Librarian, Smyrna
Alexis Vance	Branch Librarian, Smyrna
Laura Verret	Library Associate II, Smyrna

### **Office of Workforce and Community Development**

Tony Millican	Executive Vice President of Workforce & Community Development
Larry Flatt	Executive Director of Automation and Robotics Training Center
Walter McCord	Director of Specialty Industry Training, Director of Cyber Security



Christy Glenn	Coordinator of Special Events
Andy Lyon	Coordinator of Non-Credit Activities; Head Coach, Women's Soccer
Tammy O'Dell	Director of Grants
Ingrid Rascoe	Coordinator of Workforce Programs

**Office of Athletics**

Dan McShea	Baseball Head Coach; Associate Professor, Mathematics
Arthur Latham	Men's Basketball Head Coach
Andy Lyon	Soccer Head Coach; Coordinator of Non-Credit Activities
Janice Morey	Softball Head Coach; Associate Professor, Education
Jeromy Barbee	Women's Basketball Head Coach; Enrollment & Admissions Counselor
Katie Reid	Assistant Soccer Coach; Completion Coach
Scott Shasteen	Sports Information Director

**Office of Facilities Services**

Brian Gafford	Director of Facilities Services
Steve Daubs	Assistant Director of Facilities Services
George Brown	Custodian, Fayetteville
Steven Gaines	Maintenance Mechanic, Smyrna
Kerwin Griffin	Custodial Leadworker, Moore
Chris Hearn	Maintenance Utility Worker, McMinnville
Dee Hommerding	Administrative Secretary
Krasimir Ilkov	Maintenance Mechanic, Smyrna
Jarred Jones	Watchkeeper, Moore
David Kelley	Maintenance Supervisor, Moore; Head HVAC Technician
Eric King	Maintenance Mechanic/Grounds Foreman, Moore
Alex Macon	Maintenance Utility Worker, Moore
Allan McArthur	Maintenance Utility Worker, Moore
Teresa Phelps	Custodian, Fayetteville

Andrew Pierce	Maintenance Mechanic, Fayetteville
Kenneth Prater	Maintenance Mechanic, McMinnville
Kevin Ridner	Maintenance Mechanic, Moore
Kenneth Rollins	Custodian, Moore
Donnie Shelton	Grounds, Moore
Stanley Temple	Maintenance Mechanic, Smyrna
Daniel Trail	Grounds, Moore
Rick Wright	Custodian, Moore

**Department of Public Safety**

Ray Higginbotham	Director of Public Safety
Allen Rhodes	Assistant Director of Public Safety
Joe Brown	Public Safety Officer, Moore County
Jennifer Curbow	Public Safety Officer, Fayetteville
Jarvis Johnson	Public Safety Officer, McMinnville
Carl "Bucky" Watts	Public Safety Officer, Smyrna
Michael Smith	Public Safety Officer, McMinnville

**Office of Technical Operations**

Carlos Padilla	Chief Information Officer
Melanie Anglin	Microcomputer Technician, Moore
Monica Burgess	Microcomputer Technician, McMinnville
Andy Carter	Microcomputer Technician
Jon Coomer	PC Support Manager
Dakota Cunningham	Learning Space Technician
John Delaney	ITV & Computer Technician, Moore
Ashleigh Hall	Senior Infrastructure Administrator
Eric Jeffers	System Administrator
Biff Kittii	ITV & Computer Technician, Smyrna

Mark Landrum	Director of Learning Space Technologies
Anne Messer	Technical Administrative Assistant
Jared Nunley	Microcomputer/AV Technician
William Quinn	Network Systems & Information Security Officer
Bradley Reeves	Microcomputer Technician, Moore
Jeffery Short	Director of Technical Operations
Susan Farmer	Administrative Computing Programmer/Analyst II

**Office of Human Resources**

Brian Rowe	Executive Director of Human Resources
Lisa Lee	Assistant Director of Human Resources and Benefits Administrator
Jerriona Francis	HR Analyst II
Emma Norwood	HR Analyst I
Mandy Summers	HR Analyst III
Kayren Young	HR Assistant II

**Office of Dean of Students**

Yaritza Gotay	Dean of Students
Lori Rogers	Administrative Secretary
Quianda Harris	Office of Violence Against Women (OVW) Project Coordinator

**Office of Admissions and Records**

Mae Sanders	Director of Admissions & Records, Registrar
Allison Barton	Assistant Director, Assistant Registrar
Caitlin Tripp	Graduation Analyst
Clarice Griffin	Veterans Affairs Program Manager
Sharon Reis	Account Clerk II
Barbara Desilets	Admission & Records Specialist
Angie Maxey	Admissions & Records Specialist II
Amy Syler	Admissions & Records Specialist

### **Office of Student Success**

Kyle Macon	Assistant Director of Student Success; Completion Coach, Moore
Laura Brown	Completion Coach, McMinnville
Halley Caldwell	Student Success Coach
Josh Caldwell	Completion Coach, Fayetteville
Angelica Dotson	Completion Coach, Smyrna
Nickie Fanning	Completion Coach, Moore
Rob Keel	Completion Coach, Moore
Barbra Ligon	Secretary, Smyrna
Van Lomenick	Completion Coach, Smyrna
Veronica Mitchell	Completion Coach, Smyrna
Katie Reid	Completion Coach, Moore; Assistant Soccer Coach
Allen Sanders	Completion Coach, McMinnville
Theresa Sheppard	Secretary III, Moore

### **Office of Disability and Counseling Services**

Belinda Champion	Director of Disability and Counseling Services
Yeulanda Pierce-Beverly	Assistant Director of Disability and Counseling, Smyrna
Lisa Stone	Licensed Therapist, Moore Co.
Kimara Clarke	Licensed Therapist, Smyrna
Melanie Pykiet	Licensed Therapist, Fayetteville and McMinnville

### **Office of Financial Aid**

Jessica Dodge	Associate Director of Financial Aid, Moore
Michelle Farley	Financial Aid Counselor, Smyrna
Casey Martine	Assistant Director, Moore
Tina Smith	Assistant Director, Smyrna
Anita Toller	Financial Aid Counselor, Smyrna
Cindy Tripp	Financial Aid Clerk, Moore

**Office of Recruitment and New Student Services**

Erica Lee Director of Recruitment & New Student Services

Cindy Jackson Assistant Director, Fayetteville

Natalie Miller Assistant Director, McMinnville

Jeromy Barbee Enrollment & Admissions Counselor

Yolanda Blocker Gibson Secretary III, Recruitment

**Office of the Internal Auditor**

TBD Internal Auditor

## FACULTY & STAFF

### **Adams, Kelsey**

**Academic Services Analyst**

*A.S., 2015, Motlow State Community College;  
B.S., 2017, Austin Peay State  
University; Motlow position, 2019.*

### **Adams, Phyllis D.**

**Director of Accelerated Programs;  
Professor, Communications**

*B.S., 1977, Tennessee State University; M.S.,  
1978, Tennessee State University; Ed.D, 2001,  
Vanderbilt University; Motlow position, 1986.*

### **Anderson, Dianne**

**Testing Proctor, McMinnville**

*Motlow position, 2023.*

### **Anglin, Melanie**

**Microcomputer Technician, Moore**

*A.A.S., 1996, Motlow State Community  
College; Motlow position, 1997.*

### **Austin, Houston**

**EMS Program Director; Instructor,  
Paramedic**

*B.S., 2008, Provident University; Certificate,  
2014, Tennessee Technological University;  
Motlow position, 2018.*

### **Austin, Renee**

**Executive Vice President of Business and  
Finance**

*B.A., Tennessee Technological University;  
M.B.A., Tennessee Technological University;  
Motlow position, 2022.*

**Bain, William Shannon**

**Instructor, Theatre**

*B.S., 2004, Middle Tennessee State University;  
M.F.A., 2019, University of Southern  
Mississippi; Motlow position, 2022.*

**Barbee, Jeromy**

**Women's Head Basketball Coach;  
Enrollment & Admissions Counselor**

*Motlow position, 2023.*

**Barton, Allison**

**Assistant Director of Admissions &  
Records; Assistant Registrar**

*A.S., 2005, Motlow State Community College;  
B.S., 2007, Middle Tennessee State University;  
CAP 2012; previous Motlow positions, 2010-  
2015; and current 2016.*

**Bell, Sharon**

**Secretary II, Office of the Fayetteville  
Campus Engagement Director**

*Motlow position, 2013.*

**Bethea, David**

**Department Lead, Music & Theatre;  
Associate Professor, Music**

*B.A.E., 2001, University of North Florida;  
M.S., 2004, University of South Florida; Ph.D,  
2010, Florida Atlantic University; Motlow  
position, 2012.*

**Blackburn, Richard**

**Assistant Professor, Mechatronics**

*B.S., 2012, Middle Tennessee State University;  
Motlow position, 2019.*

**Blocker Gibson, Yolanda**

**Secretary III, Recruitment**

*Motlow position, 2022.*

**Bloodworth, William Stuart**

**Associate Professor, English**

*B.A., 1989, University of Tennessee, Martin;  
M.A., 1992, Murray State University; Motlow  
position 1993.*

**Boatman, Tracy**

**Records and Retention Coordinator**

*Motlow position, 2022.*

**Booth Patterson, Laura**

**Dean of Mathematics & Natural Science**

*M.A., 2010, Western Governors University;  
Motlow position, 2022.*

**Bowlby, David**

**Professor, History**

*B.A., 1995, University of Illinois; M.A., 1997,  
University of Illinois; D.A., 2009, Idaho State  
University; M.A., 2014, University of Illinois;  
CAS, 2015, East Tennessee State University;  
M.A., 2016, University of Illinois; M.A., 2019,  
Austin Peay State University; Motlow  
position, 2009.*

**Boyer, Teresa**

**Associate Professor, Nursing**

*A.A.S., 1983, Motlow State Community  
College; M.S.N., 1992, Vanderbilt University;  
N.N.P., 1992; Post Master's Certificate, 2011,  
Vanderbilt University, Psychiatric Mental  
Health Nurse Practitioner; EdD., 2021,  
University of West Georgia; Motlow position,  
2001.*

**Bradley, Michael R.**

**Faculty Emeritus, Social Sciences**



*B.A., 1963, Samford University; B.D., 1966, New Orleans Baptist Seminary; M.A., 1969, Vanderbilt University; Ph.D., 1971, Vanderbilt University; Post Doctorate Fellowship, 1973, Johns Hopkins University; National Endowment for the Humanities Fellow, 1973; National Science Foundation Fellow, 1975; Mellon Regional Faculty Development Grant, 1982; NEH Study and Research Grant, 1994; AAJC Curriculum Development Grant, 1995; Motlow position, 1970-2005.*

**Bradley-Roland, Ashley**

**Associate Professor, Chemistry**

*B.S., 2010, Tennessee State University; M.S., 2012, Tennessee State University; Motlow position, 2016.*

**Brasher, Edie**

**High School Programs Coordinator,  
Rutherford County**

*B.S., 2018, Middle Tennessee State University; M.Ed., 2019, Middle Tennessee State University; Motlow position, 2021.*

**Brewer, Donna**

**Associate Professor, English**

*B.A., 1999, University of the South-Sewanee; M.A., 2014, University of the South-Sewanee; Motlow position, 2016.*

**Bridge, Kristin**

**Associate Professor, Biology**

*B.S., 1985, University of Mississippi; M.S., 1993, University of Alabama, Huntsville; Motlow position, 2009.*

**Brooks, Vera R.**

**Associate Professor, Business**

*B. S., 1974, Austin Peay State University; M.B.E., 1981, Middle Tennessee State*

*University; M.S., 1989, Middle Tennessee State University; Additional Graduate Study, Western Carolina University and Tennessee State University; CAP, 1985: Motlow position, 1980.*

**Brown, George**

**Custodian, Fayetteville**

*Motlow position, 2015.*

**Brown, Joe**

**Public Safety Officer, Moore County**

*Motlow position, 2018.*

**Brown, Laura**

**Completion Coach, McMinnville**

*A.S., 2005, Motlow State Community College, B.S., 2015, Middle Tennessee State University; Motlow position, 1999.*

**Brown, Michele**

**Bursar**

*Certificate, 1992, Tennessee Technology Center-Shelbyville; A.A.S., 2013, Motlow State Community College; CAP, 2015; Motlow position, 2014.*

**Bryson, Terri**

**Vice President for External Affairs**

*B.S., 1985, Mississippi University for Women; M.S., 2007, Capella University; Ph.D., 2016, Grand Canyon University; Motlow position, 2017.*

**Burgess, Monica**

**Microcomputer Technician, McMinnville**

*A.S., 1986, Motlow State Community College; Motlow position, 1987.*

**Burke, Gina**

**Interim Dean of Career & Technical  
Programs; Associate Professor,  
Accounting**

*B.B.A., 1987, Middle Tennessee State  
University; M.B.A., 1988, Tennessee  
Technological University; CPA, 1989,  
(Inactive) Tennessee; Additional Graduate  
Study, University of Memphis; previous  
Motlow position, 1992–2013; current Motlow  
position, 2017.*

**Bush, Nicholas**

**Associate Professor, English**

*B.A., 2002, University of Tennessee, Martin;  
M.A., 2007, Middle Tennessee State  
University; Motlow position, 2009.*

**Butler, Monica**

**Department Lead, Social & Behavioral  
Sciences; Assistant Professor, History**

*B.A., 2002, Middle Tennessee State  
University; Ph.D., 2008, Arizona State  
University; Motlow position, 2018.*

**Butwell, John**

**Associate Professor, English**

*A.B., 1988, Indiana University; M.A., 2005,  
Eastern Kentucky University; Ph.D., 2021,  
Middle Tennessee State University; Motlow  
position, 2016.*

**Caldwell, Hailey**

**Student Success Coach**

*Motlow position, 2019.*

**Caldwell, Joshua**

**Completion Coach, Fayetteville**

*A.S., 2006, Motlow State Community College;  
B.S., 2010, Middle Tennessee State University;  
Motlow position, 2012.*

**Caldwell, William Clay**

**Enrollment Specialist**

*Motlow position, 2013.*

**Cannon, Brenda G.**

**Executive Director of Community  
Relations**

*B.S., 1978, Tennessee State University; M.Ed.,  
1998, Middle Tennessee State University;  
Motlow position, 1988.*

**Carlson, Cara**

**Administrative Secretary, Business &  
Technology**

*Motlow position, 2023.*

**Carroll, William**

**Instructor, Sociology**

*M.A., 2018, Arizona State University; B.S.,  
2015, Athens State University; Motlow  
position, 2020.*

**Carter, Andy**

**Microcomputer Technician**

*Comp TIAA+ Certified, 2008; CompTIA  
Security Certified, 2011; Apple Certified Mac  
Technician, 2016; Motlow position, 2017.*

**Caviezel, Jenna Morgan**

**Writing Center Director; Associate  
Professor, English**

*B.A., 2007, The College of William & Mary;  
M.F.A., George Mason University; Motlow  
position, 2013.*

**Champion, Belinda**

**Director of Disability and Counseling  
Services**

*M.S., 2009, University of Tennessee,  
Knoxville; Motlow position, 2014.*

**Cheatham, C. Donald**

**Faculty Emeritus, Professor, Political  
Science & History**

*A.B., 1950, Samford University; A.B.J., 1950,  
University of Georgia; M.Ed., 1963, University  
of Georgia; Ed.D., 1969, University of  
Georgia; Post-Doctorate Study, Research  
Grant, National Endowment for the  
Humanities, Duke University, 1975; Additional  
Graduate Study, Middle Tennessee State  
University; Motlow position, 1970-2014.*

**Clark, Brittany**

**Interim Director of Nursing ;Instructor,  
Nursing**

*M.S.N., 2017, Middle Tennessee State  
University; Motlow position, 2021.*

**Clarke, Kimara**

**Licensed Therapist, Smyrna**

*Motlow position, 2022.*

**Claunch, Eric**

**Associate Professor, Art**

*B.F.A., 1994, California State University,  
Chico; M.F.A., 1997, Washington State  
University; Motlow position, 2013.*

**Claxton, Keith**

**Associate Professor, Mathematics**

*B.S., 1986, Middle Tennessee State University;  
M.S., 1988, Middle Tennessee State  
University; Motlow position, 1992.*

**Coffey, Charle B.**

**Director of Special Projects; Associate  
Professor, Geography**

*A.S., 1976, Walters State Community College;  
B.B.A., 1978, Middle Tennessee State  
University; M.Ed., 1994, Middle Tennessee  
State University; Covey Facilitator  
Certification, 1996; Additional Graduate  
Study, Middle Tennessee State University,  
University of Tennessee, Knoxville; Motlow  
position, 1983.*

**Coomer, Jon**

**PC Support Manager**

*Motlow position, 2021.*

**Copeland, Dawn**

**Associate Professor, English**

*A.S., 1981, Motlow State Community College;  
B.S., 1984, Middle Tennessee State University;  
M.A., 1992, Middle Tennessee State  
University; Motlow position, 1999.*

**Craig, Lucy**

**Professor, Criminal Justice**

*B.A., 1977, University of Florida; J.D., 1980,  
Stetson University College of Law; Additional  
Graduate Study, Middle Tennessee State  
University; Motlow position, 2007.*

**Cruz, Tom**

**Department Lead, Languages; Assistant  
Professor, English**

*B.A., 2011, Middle Tennessee State University;  
M.A., 2014, Middle Tennessee State  
University; Motlow position, 2018.*

**Cunningham, Dakota**

**Learning Space Technician**

*B.B.A., 2015, Middle Tennessee State University; Motlow position, 2015.*

**Curbow, Jennifer**

**Public Safety Officer, Fayetteville**

*Motlow position, 2020.*

**Czap, Lindsay**

**Instructor, Mathematics**

*M.S., 2019, Middle Tennessee State University; Motlow position, 2023.*

**Dallas, Shellie**

**Instructor, Nursing**

*M.S.N., 2019, Western Governor's University; B.S.N., 1993, Austin Peay State University; Motlow position, 2020.*

**Daniel, Phyllis**

**Executive Secretary**

*Motlow position, 2007.*

**Daubs, Steven**

**Assistant Director of Facilities Services**

*Motlow position, 2015.*

**Daugherty, Elizabeth**

**Secretary**

*Motlow position, 2022.*

**Davenport, Robert**

**Assistant Professor, Speech**

*B.S., 1980, Middle Tennessee State University; M.A., 1983, Western Kentucky University; Motlow position, 2017.*

**Davis, Estelle**

**Student Success Administrator**

A.S., 2018, Motlow State Community College; *Motlow position, 2012.*

**Deaton-Owens, Dayron**

**Associate Professor, Psychology & Sociology**

*B.A., 2005, Middle Tennessee State University; M.A., 2008, Middle Tennessee State University; Motlow position, 2011.*

**Delaney, John**

**Microcomputer Technician, Moore County**

*Motlow position, 2019.*

**Desilets, Barbara**

**Admissions & Records Specialist**

*Motlow position, 2022.*

**Dickey, Susan**

**Professor, Accounting & Business**

*B.B.A., 1986, University of Memphis; M.S., 1990, University of Alabama, Huntsville; CPA, Tennessee; Ed.D., 2015, East Tennessee State University; Certified Public Accountant-Tennessee (inactive); Motlow position, 1993.*

**Diggs, Karla**

**Assistant Professor, Reading**

*B.A., 1994, Meredith College; M.Ed., 2012, Grand Canyon University; Motlow position, 2019.*

**Dodge, Jessica**

**Associate Director of Financial Aid, Moore County**



*B.A., 2008, Southern VA University; Motlow position, 2012*

**Dodson, Nancy Lynn**

**Associate Professor, Speech**

*B.A., 1993, Harding University, Searcy, AR; M.A., 1996, University of Memphis; Motlow position, 2013.*

**Dotson, Angelica**

**Completion Coach, McMinnville**

*Motlow position, 2017.*

**Dowd, Stacy**

**Department Lead, Natural Science;  
Associate Professor, Biology**

*B.S., 1994, University of the South-Sewanee; M.S., 1996, Middle Tennessee State University; Motlow position, 2015.*

**Durham, Terry**

**Dean of Academic Technology; Assistant  
Professor, Information Systems  
Technology**

*B.S., 1983, Austin Peay University; M.S., 1994, Middle Tennessee State University; Motlow position, 2013.*

**Edwards, Sharon**

**Dean of Libraries**

*B.S., 2013, Middle Tennessee State University; M.S.L.S., 2017, University of Kentucky; Motlow position, 2018.*

**Edwards, Victor**

**Instructor, Computer Science**

*M.S., 2000, North Central College; B.S., 1996, Elmhurst College; Motlow position, 2023.*

**Fanning, Nickie**

*B.A., 2015, Athens State University, A.S., 2012, Motlow State Community College; Motlow position 2018.*

**Completion Coach, McMinnville**

**Farley, Michelle**

*Motlow position, 2019.*

**Financial Aid Counselor, Smyrna**

**Farmer, Susan**

*B.S., 1985, Auburn University; Motlow position, 2019.*

**Programmer/Analyst II**

**Fisher-Bradshaw, Lori**

*A.A.S., 1991, Motlow State Community College; B.S.N., 1993, Middle Tennessee State University; M.S.N. Western Governors University; Doctor of Nursing Practice, 2023, Aspen University; Motlow position, 2016.*

**Associate Professor, Nursing**

**Fisher, Nathan**

*B.S., 2005, Middle Tennessee State University; M.A., 2014, Fisk University; Motlow position, 2018.*

**Assistant Professor, Chemistry**

**Fitch, Elizabeth**

*B.A., 2002, Kentucky Wesleyan College; M.S., 2004, Middle Tennessee State University; Motlow position, 2007.*

**Associate Professor, Biology**

**Fitch, Kevin**

**Associate Professor, Biology**

*B.S., 1995, Austin Peay University; M.S., 1998, Austin Peay University; Motlow position, 2008.*

**Fitzgerald, Robert**

**Assistant Professor, Accounting and Business**

*B.B.A., 1976, Eastern Michigan University; M.S., 1986, Eastern Michigan University; Motlow position, 2018.*

**Flarity, Aspen**

**Instructor, EMT/AEMT**

*A.S., 2020, Motlow State Community College; Motlow position, 2022.*

**Flatt, Larry**

**Executive Director of Automation & Robotics Training Center; McMinnville Campus Engagement Director; Assistant Professor, Mechatronics**

*B.S., 1970, Tennessee Technology University; M.B.A., 1973, Middle Tennessee State University; Motlow position, 2012.*

**Fletcher, Whitney**

**Academic Scheduling Analyst**

*Motlow position, 2019.*

**Forde, Janet Elizabeth**

**Associate Professor, Biology**

*B.S., 1987, Tennessee Technology University; M.S., 1989 Tennessee Technology University; Ph.D., 2023, Liberty University; Motlow position, 2011.*

**Francis, Jerriona**

**HR Analyst I**

*A.S., 2015, Motlow State Community College; B.B.A., 2017, Middle Tennessee State*

*University; M.B.A., 2019, Western Governors University; Motlow position, 2021.*

**Gafford, Brian**

**Director of Facilities Services**

*B.S., 1991, Tennessee Technology University; Motlow position, 2014.*

**Garris, Deborah**

**Instructor, Nursing**

*B.S.N., 2017, University of Phoenix; M.S.N., 2017, Western Governors University; Motlow position, 2022.*

**Garrison, Gregg**

**Associate Professor, Biology**

*B.S., 1989, Middle Tennessee State University; M.S., 1996, Middle Tennessee State University; Motlow position, 2005.*

**Gibson, Kristy**

**Secretary II, Humanities**

*A.S., 2019, Motlow State Community College; B.S., 2022, Middle Tennessee State University; Motlow position, 2022.*

**Gilispie, Christie**

**Associate Professor, Communications**

*B.S., 2003, University of Tennessee, Knoxville; M.S., 2005, Middle Tennessee State University; Ed.S., 2012, Middle Tennessee State University; Motlow position, 2016.*

**Glass, Frank**

**President Emeritus**

*B.S., 1964, Middle Tennessee State University; M.A., 1965, Middle Tennessee State University; D.A., 1973, Middle Tennessee State University; Motlow position, 1975-2003.*

**Glenn, Christy**

*A.S., 1989, Motlow State Community College;  
B.S., 2014, Tennessee Technological  
University; Motlow position, 1999.*

**Special Events Coordinator**

**Gonzalez, Ysel**

*Motlow position, 2018.*

**Account Clerk III (Third-Party)**

**Gotay, Yaritza**

*M.A., 2002, University of Nevada, Reno;  
Motlow position, 2022.*

**Dean of Students**

**Graham, Jonathan**

*A.S., 2011, Nashville State Community College;  
Motlow position, 2012.*

**Director of Tennessee Promise;  
Rutherford**

**Green, Andrea**

*B.A., 2013, Middle Tennessee State University;  
M.A., 2015, University of Alabama; Motlow  
position, 2016.*

**Associate Professor, English**

**Green, Lee**

*A.S., 2015, Motlow State Community College;  
B.S., 2017, Middle Tennessee State University;  
M.S., 2021, Carson-Newman University;  
Motlow position, 2022.*

**High School Programs Coordinator**

**Gregory, Cheri**

*A.S., 1982, Motlow State Community College;  
B.S., 1984, Middle Tennessee State University;*

**Professor, Biology**

*M.S., 1987, Middle Tennessee State University;  
Ed.D., 2016, East Tennessee State University;  
Motlow position, 1995.*

**Griffin, Clarice**

**Veteran Affairs Program Manager**

*Motlow position, 2023.*

**Griffin, Kerwin**

**Custodial Lead**

*Motlow position, 2019.*

**Griffith, Misty**

**Associate Professor, Biology**

*A.S., 2003, Motlow State Community College;  
B. S., 2005, Tennessee Technological  
University; M.S., 2014, Middle Tennessee State  
University; Motlow position, 2010.*

**Grizzard, Tina**

**Testing Coordinator I**

*Motlow position, 2018.*

**Guerin, Stephen H.**

**Professor, Psychology**

*B.A., 1978, The University of Alabama,  
Huntsville; M.S., 1981, Alabama A & M  
University; Psy.D., 1990, The Forest Institute  
of Professional Psychology; Motlow position,  
2005.*

**Hagos, Ayanaw**

**Assistant Professor, Mathematics**

*B.S., 2005, Chapman University; M.S., 2013,  
Capella University; M.S., 2018, University of  
West Florida; Motlow position, 2019.*

**Hall, Arlo**

**Instructor, English**

*B.A., 2009, Middle Tennessee State University; M.A., 2015, Middle Tennessee State University; Motlow position, 2022.*

**Hall, Ashleigh**

**Senior Infrastructure Administrator**

*Motlow position, 2019.*

**Hall, Cindy**

**Assistant Director of Recruitment & New Student Services, Fayetteville**

*A.S., 2009, Motlow State community College; B.S., 2014, Tennessee Technological University; Motlow position, 2000.*

**Harden, Tracey**

**Account Clerk II - Lead Cashier**

*A.S., 2000, Motlow State Community College; B.S., 2006, Middle Tennessee State University; Motlow position, 2016.*

**Harder, Janice**

**Faculty Emeritus; Professor, Business**

*B.S., 1971, Middle Tennessee State University; M.Ed., 1972, University of Memphis; Ed.D., 1984, University of Memphis; CAP, 1980; Motlow position, 1978-2016.*

**Harlan, Anastasia**

**Assistant Professor, Nursing**

*B.S.N., 2012, University of North Alabama; M.S.N., 2015, Walden University; Motlow position, 2019.*

**Harrell, Brett**

**Administrative Secretary, Office of the Fayetteville Campus Engagement Director**

*A.S., 2017, Motlow State Community College;  
Motlow position, 2018.*

**Harris, April**

**Learning Management System Analyst**

*A.A., 2002, Palm Beach Community College;  
B.F.A., 2004, University of North Florida;  
M.Ed., 2016, University of South Florida;  
Motlow position, 2018.*

**Harris, Pamela K.**

**Dean of Humanities & Social and  
Behavioral Sciences; Associate Professor,  
Psychology and Sociology**

*B.S., 2001, Troy University; M.A.T., 2005,  
Troy University; M.S., Capella University,  
2019; PhD, Capella University, 2019; Motlow  
position, 2013.*

**Harris, Quinanda**

**Project Coordinator, Office of Violence  
Against Women**

*B.A., 1999, Hampton University; M.S.Ed.,  
2001, Old Dominion University; Ed.D., 2019,  
Argosy University; Licensed Professional  
Counselor - Mental Health Service Provider;  
Master Addiction Counselor; Motlow position,  
2021.*

**Harris-Young, Linda**

**Faculty Emeritus; Professor, Biology**

*B.A., 1978, University of California, Davis;  
M.S., 1984, University of Alabama,  
Birmingham; Ph.D., 1993, University of  
Alabama, Birmingham; Covey Facilitator  
Certification, 1996; Motlow position, 1992-  
2016.*

**Hart, John**

**Associate Professor, English**



*B.A., 1999, University of Tennessee, Knoxville;  
M.A., 2004, University of Tennessee,  
Knoxville; Motlow position, 2008.*

**Hartman, Michael**

**Associate Professor, English**

*B.A., 1983, Oklahoma Baptist University;  
M.A., 1986, Oklahoma State University; Ph.D.,  
1994, Auburn University; Motlow position,  
2007.*

**Hasty, Doyle E.**

**Faculty Emeritus; Professor, Learning  
Support**

*B.S., 1968, University of Tennessee; M.S.,  
1974, University of Tennessee; Ed.D., 1994,  
Nova Southeastern University; PE, Tennessee;  
Additional Graduate Study, University of  
Tennessee, Memphis State University, Middle  
Tennessee State University, University of  
Central Florida, Morehead State University  
and Tennessee State University; Motlow  
position, 1980-2016.*

**Hasty, Linda Hester**

**Faculty Emeritus; Professor, Learning  
Support**

*B.S., 1968, Middle Tennessee State University;  
M.B.E., 1979, Middle Tennessee State  
University; Ed.D., 1994, Nova Southeastern  
University; Additional Graduate Study,  
Middle Tennessee State University, Memphis  
State University, University of Central Florida  
and Tennessee State University; CAP, 1980;  
CM, 1995; CPRW, 1998; Motlow position,  
1978-2016.*

**Haughton, Daly**

**Assistant Treasurer and Accountant for  
Foundation Services**

*B.S., Middle Tennessee State University;  
Motlow position, 2021.*

**Hayes, Kate**

**Assistant Professor, Psychology**

*B.A., 2013, University of Tennessee, Knoxville;  
M.A., 2015, Middle Tennessee State  
University; Motlow position, 2017.*

**Hearn, Chris**

**Maintenance Utility Worker, Moore**

*Motlow position, 2020.*

**Hearn, Stacy**

**Manager of Academic Operations, Office  
of the EVP of Academic Affairs**

*B.A., 2002, California Baptist University;  
Motlow position, 2019.*

**Hedgepath, Capron**

**Assistant Professor, English**

*B.A., 2011, Lynchburg College; M.A., 2013,  
Lynchburg College; PhD, 2019, Middle  
Tennessee State University; Motlow position,  
2019.*

**Helton, Lara**

**Instructor, English**

*A.A.S., 2001, Cleveland State Community  
College; B.A., 2009, Middle Tennessee State  
University; B.A., 2012, Middle Tennessee State  
University; M.A., 2015, Southern New  
Hampshire University; M.S., 2018, Southern  
New Hampshire University; Motlow position,  
2019.*

**Hemmila, Linda**

**Instructor, Nursing**

*B.S.N., 1986, Carlow University; M.S.N., 2004, Capital University; Motlow position, 2021.*

**Henn, Kyle**

**Graphic Designer & Marketing Specialist**

*Motlow position, 2019.*

**Higginbotham, Ray**

**Director of Public Safety**

*Tennessee Law Enforcement Training Academy, 1989; B.S., 2012, Bethel University; Motlow position 2015.*

**Hise, Sheri**

**Senior Accountant**

*Motlow position, 2020.*

**Hix, Billy**

**Faculty Emeritus, Education**

*B.S., 1979, Tennessee Technological University; M.Ed., 1988, Middle Tennessee State University; Additional Graduate Study, University of Central Oklahoma and Middle Tennessee State University; NASA Management School, Washington, DC, 2000; University of Idaho, 2003; Motlow position, 1984-2015.*

**Holder, Amy**

**Dean of Health Sciences; Associate Professor, Nursing**

*B.S.N., 1996, University of Arkansas; M.S.N., 2003, University of Alabama, Huntsville; Post Master Certificate in Nursing Education, 2005, University of Alabama, Huntsville; PhD, 2020, East Tennessee State University; Motlow position, 2005.*

**Hommerding, Dee**

**Administrative Secretary**

*Motlow position, 2022.*

**Hughes, Katrina**

**Instructor, Spanish**

*M.A., 2008, Lipscomb University; M.A., 2005, Middle Tennessee State University; Motlow position, 2020.*

**Huskey, Alice K.**

**Faculty Emeritus, Business Information Technology; Advisor**

*B.S.E., 1969, Arkansas State University; M.S.E., 1970, Arkansas State University; Additional Graduate Study, Middle Tennessee State University, Tennessee State University and University of Memphis; CAP, 1986; Motlow position, 1970-2005.*

**Hutchins, J. Mark**

**Assistant Vice President for Corporate and Foundation Services**

*B.B., 1989, Louisiana Tech University; M.S., 1990, Louisiana Tech University; Post-graduate Studies, Mississippi State University; Motlow position, 2021.*

**Jeffers, Eric**

**System Administrator**

*Motlow position, 2023.*

**Jennings, Debbie**

**High School Programs Specialist,  
McMinnville**

*Motlow position, 2019.*

**Johnson, Beili**

**Instructor, Mathematics**

*A.S., 2011, Walters State Community College;  
B.S., 2013, University of Tennessee, Knoxville;  
M.S., 2018, University of Tennessee, Knoxville;  
Motlow position, 2022.*

**Johnson, Brelinda**

**Executive Vice President of Student  
Success**

*B.S., 2005, Tennessee Technological  
University; M.S., 2009, Middle Tennessee  
State University; Ed.D., 2021, Middle  
Tennessee State University; Motlow position,  
2022.*

**Johnson, Mary Jo**

**Associate Professor, English**

*B.A., 1979, Middle Tennessee State University;  
M.A., 1998, Middle Tennessee State  
University; Motlow position, 2015.*

**Johnson, Megan**

**Instructor, Communications**

*Motlow position, 2022.*

**Jones, Jarred**

**Watchkeeper, Moore**

*Motlow position, 2015.*

**Jones, Tamara**

**Associate Professor, English**

*B.A., 2013, Middle Tennessee State University;  
M.A., 2016, University of Alabama-Huntsville;  
Motlow position, 2016.*

**Kane, Lisa**

**Account Clerk III (Accounts Receivable)**

*Motlow position, 2001.*

**Keating, David**

**Assistant Professor, Physics**

*B.A., 2011, University of Alabama; M.S., Georgia State University; PhD, 2018, Georgia State University; Motlow position, 2019.*

**Keel, Margia**

**Associate Professor, Mathematics**

*B.S., 1990, Middle Tennessee State University; M.S., 1993, Middle Tennessee State University; Motlow position, 1998.*

**Keel, Rob**

**Completion Coach**

*A.A., 2004, Pensacola State College; A.S., 2015, Motlow State Community College; A.S.T., 2015, Motlow State Community College; B.S., 2017, Tennessee Technological University; M.A., 2018, Tennessee Technological University; Motlow position, 2018.*

**Kelley, David**

**Maintenance Supervisor; Head HVAC Technician**

*Certificate, 1992, Tennessee Technology Center; Motlow position, 2015.*

**Key, Rachel**

**Social Media & Marketing Coordinator**

*Motlow position, 2022.*

**King, Charles**

**Senior Robotics Trainer**

*B.A, 2005, Trevecca Nazarene University; A.S., 2004, Motlow State Community College; Motlow position, 2018.*

**King, Donovan**

**Administrative Assistant, Honors  
Program**

*Motlow position, 2022.*

**King, Eric**

**Maintenance Mechanic/Grounds  
Foreman, Moore**

*Motlow position, 2021.*

**Kirby, Angela**

**Assistant Professor, Nursing**

*A.S.N., 2009, Galen College of Nursing;  
B.S.N., 2011, Grand Canyon University;  
M.S.N., 2016, Purdue University Global;  
Motlow position, 2018.*

**Kittii, Biff**

**Microcomputer/AV Technician, Smyrna**

*Motlow position, 2018.*

**Koller, Heather**

**Associate Professor, History**

*A.A., 1991, Black Hawk Community College;  
B.A., 1994, Southern Illinois University; M.A.,  
1998, Southern Illinois University; Motlow  
position, 2006.*

**Lamb, Andrew**

**Digital Content Marketing Specialist  
(Webmaster)**

*B.F.A., 2019, Middle Tennessee State  
University; Motlow position, 2019.*

**Lamb, Elizabeth**

**Library Technical Services Coordinator,  
Moore**

*B.S., 1994, Middle Tennessee State University;  
Motlow positions, 2015–17; and current, 2022.*

**Lamberson, Autumn**

**Enrollment Assistant**

*Motlow position, 2022.*

**Landrum, Mark**

**Director of Learning Space Technologies**

*B.S., 1995, Middle Tennessee State University;  
CAP-OM, 2011; Motlow position, 2008.*

**Langston, Tammy**

**Administrative Secretary, Office of the  
Dean of Health Sciences**

*Motlow position, 2019.*

**Latham, Arthur**

**Men's Basketball Head Coach**

*B.A., 2010, St. Catherine College; M.A., 2014,  
St. Catherine College;  
Motlow position, 2016.*

**Lee, Erica**

**Director of Recruitment & New Student  
Services**

*B.A., 2003, Spelman College, Atlanta, GA;  
M.S., 2011, Cumberland University; Motlow  
position, 2013.*

**Lee, Lisa D.**

**Assistant Director of Human Resources;  
Benefits Administrator**

*A.A.S., 2008, Motlow State Community  
College; B.S., 2021, Tennessee Technological  
University; Motlow position, 1994.*

**Lee, Olivia**

**Assistant Professor, English**



*B.S., 2010, University of Tennessee, Martin;  
M.A., 2012, Western Kentucky University;  
Motlow position, 2017.*

**Lee, Robin**

**Writer**

*B.S., 2006, University of Central Oklahoma;  
M.A., 2014, Kent State University; Motlow  
position, 2021.*

**Lee, Tracey**

**Co-Department Lead, Business &  
Technology; Assistant Professor, Medical  
Office**

*B.S., 2000, Tennessee State University; M.S.,  
2002, Central Michigan University; Motlow  
position, 2018.*

**Lichtman, J. Max**

**Library Associate III, Smyrna; XR Lab  
Facilitator**

*B.S., 2021, Middle Tennessee State University;  
Motlow position, 2021.*

**Ligon, Barbara**

**Secretary II, Student Success**

*A.S., 2021, Motlow State Community College;  
Motlow position, 2022.*

**Logue, Carla M.**

**Reference & Interlibrary Loan Librarian,  
Moore**

*B.S., 1993, Western Michigan University;  
M.S., 1995, University of Texas, Austin;  
Motlow position, 2013.*

**Lomenick, Van**

**Completion Coach, Smyrna**

*B.S., 2005, University of North Alabama;  
M.A., University of North Alabama;  
Motlow position, 2017.*

**Lowery, Barbara**

**Director of Medical Laboratory  
Technology Education**

*Motlow position, 2023.*

**Lyon, Andy**

**Soccer Coach; Non-Credit Activities  
Coordinator**

*B.S., 2001, University of Leeds; Motlow  
position, 2016.*

**Mabry, Ian**

**Instructor, Art**

*B.F.A., 2012, Tennessee Technological  
University; M.F.A., 2015, University of North  
Dakota; Motlow position, 2022.*

**Macon, Alex**

**Utility Maintenance, Moore**

*Diploma (Automotive Technology), 2009,  
Tennessee College of Applied Technology;  
Motlow position, 2018.*

**Macon, Kyle**

**Assistant Director of Student Success;  
Completion Coach, Moore**

*B.A., 2006, Freed-Hardeman University; M.  
Ed., 2010, Abilene Christian University;  
Motlow position, 2015.*

**Maddaloni, Nelson**

**Circulation Supervisor/Library Associate  
III, Smyrna**

*Motlow position, 2022.*

**Mankin, Sarah**

**Enrollment Assistant**

*Certificate, 2017, Tennessee College of Applied Technology; Motlow position, 2018.*

**Martine, Casey**

**Assistant Director of Financial Aid,  
Moore**

*A.A., 1990, Broward Community College;  
B.B.A., 1992, Florida International University;  
Motlow position, 2001.*

**Martinez, Daisy**

**Administrative Secretary, Humanities &  
Social/Behavioral Sciences**

*Motlow position, 2022.*

**Matthews, Mary**

**Associate Professor, Biology**

*B.S., 1992, Middle Tennessee State University;  
M.S., 2002, Middle Tennessee State  
University; Motlow position, 2014.*

**Maxey, Angie**

**Admissions & Records Specialist II**

*Motlow position, 2020.*

**Mayo, Lisa**

**Associate Professor, Geology**

*B.S., 1991, Middle Tennessee State University;  
M.S., 2000, Mississippi State University;  
Motlow position, 2008.*

**Mazzie, Misty A.**

**Dean of Languages & Education**

*B.I.S., 2007, Murray State University; M.S.,  
2015, Murray State University; M.S., 2015,*

*Murray State University; Motlow position, 2019.*

**McArthur, Allan**

**Maintenance Utility Worker, Moore**

*Motlow position, 2020.*

**McCord, James Walter**

**Director of Specialty Industry Training,  
Director of Cyber Security**

*B.B.A., 1983, Middle Tennessee State University; M.B.A., 1988, Middle Tennessee State University, Motlow position, 2018.*

**McDonald, Katy**

**Instructor, Nursing**

*B.S.N., 2006, Tennessee Technological University; M.S.N., 2017, Tennessee Technological University; Motlow position, 2022.*

**McEwen, Michelle**

**Administrative Project Coordinator,  
Office of Institutional Effectiveness**

*A.S., 2013, Motlow State Community College; Motlow position, 2013.*

**McLemore, Mary E.**

**Faculty Emeritus; Professor, English**

*B.A., 1967, Middle Tennessee State University; M.A., 1980, Middle Tennessee State University; Ph.D., 1991, Vanderbilt University; Motlow position, 1987-2016.*

**McManus, Meagan**

**Interim Vice President of Academic Affairs; Associate Professor, English**

*B.A., 2007, Middle Tennessee State University; M.A., 2013, Middle Tennessee State*

*University; Ed.D., 2019, Middle Tennessee State University; Motlow position, 2014.*

**McShea, Dan**

**Associate Professor, Mathematics; Men's Baseball Coach**

*B.A., 2001, The University of Mississippi; M.Ed., 2005, William Carey College; Motlow position, 2006.*

**Merritt, Roger**

**Library Associate III, Moore County**

*B.A., 1986, David Lipscomb University; M.S., 2002, Middle Tennessee State University; Motlow position, 1994.*

**Messer, Anne**

**Technical Administrative Assistant**

*Motlow position, 2020.*

**Miller, Natalie**

**Assistant Director of Recruitment & New Student Services, McMinnville**

*A.S., 2019, Motlow State Community College; B.S., 2019, Tennessee Technological University; Motlow position, 2022.*

**Millican, Tony**

**Executive Vice President for Workforce & Community Development**

*Motlow position, 2019.*

**Mitchell, Brian**

**Director of Learning Support; Associate Professor, Mathematics**

*B.A., 1995, Roanoke College; M.S., 2008, Vanderbilt University; Motlow position 2012.*

**Mitchell, Veronica**

**Completion Coach, Smyrna**

*A.S., 2004, Western Kentucky Community College; B.A., 2006, Murray State University; Motlow position, 2015.*

**Moffit, Kenny**

**Instructor, EMT/AEMT**

*Motlow position, 2019*

**Morey, Janice**

**Associate Professor, Education; Women's Softball Coach**

*B.A., 1998, Cumberland University; M.Ed., 2001, Cumberland University; Motlow position, 2015.*

**Morgan, Ashley**

**Instructor, Mathematics**

*M.S., 2015, Tennessee Technological University; B.S., 2014, Tennessee Technological University; Motlow position, 2023.*

**Mosley, Marie**

**Coordinator of Testing**

*A.S., 1985, Motlow State Community College; Motlow position, 1984.*

**Moulton, Charles**

**Instructor, Economics**

*B.S., 2001, Rochester Institute of Technology; J.D., 2006, Villanova University; M.A., 2008, San Jose State University; PhD, 2018, George Mason University; Motlow position, 2022.*

**Murphy, Patrick**

**Associate Professor, Physics**

*B.A., 1977, Saint Cloud State University; M.S., 1980, University of Tennessee-Knoxville;*

*Ph.D., 1990, University of Tennessee-Knoxville; Motlow position, 2016.*

**Murphy, William**

**Assistant Professor, English**

*B.S., 1984, University of Minnesota, Twin Cities; M.A., 2002, University of Ulster; Ph.D., 2007, University of Ulster; Motlow position, 2017.*

**Murry, Eric**

**Adult Initiatives Program Manager**

*Motlow position, 2019.*

**Newman, Erica**

**Research Technician, Office of Institutional Effectiveness**

*Motlow position, 2019.*

**Neyman, Austin**

**Secretary II**

*A.S., 2019, Motlow State Community College; B.S., 2022, Middle Tennessee State University; Motlow position, 2022.*

**Norwood, Emma**

**HR Analyst I**

*A.S., 2019, Motlow State Community College; B.A., 2021, Trevecca Nazarene University; M.B.A., 2023, Louisiana State University; Motlow position, 2022.*

**Nunley, Jared**

**Microcomputer/AV Technician**

*Information Technology Systems Coordinator Diploma, 2021, Tennessee College of Applied Technology; Certified CompTIA A+, Security +, and Network +; Motlow position, 2021.*

**O'Dell, Tammy**

**Director of Grants**

*B.S., Tennessee Technological University;  
Motlow position, 2018.*

**O'Grady, Christian**

**Videographer/Photographer and Digital  
Media Specialist**

*B.F.A., 2006, College for Creative Studies;  
Motlow position, 2018.*

**O'Neal, Emily**

**Account Clerk III - Accounts Payable**

*Motlow position, 2023.*

**Oakley, Sherian**

**Secretary III, Libraries**

*Motlow position, 1995.*

**Oliver, John Michael**

**Instructor, Mechatronics**

*B.S., 1991, Tennessee Technological  
University; Motlow position, 2020.*

**Ortega, George L.**

**Associate Professor, Economics**

*B.S., 1977, Auburn University; M.B.A., 1980,  
Auburn University; Additional Graduate  
Study, University of Alabama, Birmingham,  
University of Alabama, Tuscaloosa, Samford  
University; Motlow position, 2005.*

**Pack, Sally**

**Director of High  
School Initiatives**

*B.S., 1996, Middle Tennessee State University; Motlow position, 2002.*



**Padilla, Carlos**

**Chief Information  
Officer**

*Motlow position, 2021.*

**Palmer, David**

**Associate Professor,  
Biology**

*A.S., 2000, Motlow State Community College; B.S., 2002, Middle Tennessee State University; M.S., 2004, Middle Tennessee State University; Motlow position, 2005.*

**Parker, Heidi**

**Secretary III, Office  
of Academic  
Technology**

*A.A.S., 2003, Bismark State College; Motlow position, 2016.*

**Parker, Tabitha**

**Assistant Professor,  
Mathematics**

*B.S., 2016, Troy University; M.S.T., 2017, Auburn University; Motlow position, 2019.*

**Parker, William**

**Instructor, History**

*M.A., 2019, Florida State University; Motlow position, 2022.*

**Paz, Melissa**

**Assistant Professor,  
Mechatronics**

*B.S., 1988, Tennessee Technological University; Motlow position, 2018.*

**Perri, Rachel**

**Assistant Professor,  
Mathematics**

*B.S., 2012, Vanguard University; M.S., 2016, Middle Tennessee State University; Motlow position 2018.*

**Peveto, Michael**

**Instructor,  
Paramedic**

*B.A., 1993, Middle Tennessee State University; A.A.S., 2004, Volunteer State Community College; A.S., 2009, Excelsior College; Motlow position, 2021.*

**Phillips, Julie**

**Instructor,  
Agriculture**

*M.S., 2003, Arkansas State University; Motlow position, 2021.*

**Phillips, Tiffany**

**Assistant Director of  
Institutional  
Research,  
Effectiveness, and  
Assessment**

*M.A., 2018, University of Alabama-Birmingham; B.S., 2016, Middle Tennessee State University; A.S., 2014, Motlow State Community College; Motlow position, 2017.*

**Pierce, Andrew**

**Maintenance  
Mechanic,  
Fayetteville**

*2016, currently enrolled Industrial Maintenance program, TCAT; Motlow position, 2016.*

**Pierce-Beverly, Yeulanda**

**Assistant Director of  
Disability &  
Counseling Services,  
Smyrna**

*B.S., 2001, Alcorn State University; M.A., 2010, University of Phoenix; Motlow position, 2017.*

**Powell, David**

**Assistant Professor,  
Biology**

*B.S., 1999, Middle Tennessee State University; M.S., 2002, Middle Tennessee State University; Motlow position, 2018.*

**Prater, Kenneth**

**Maintenance  
Mechanic,  
McMinnville**

*Motlow position, 2019.*

**Presley, David**

**XR Lab  
Administrator**

*Motlow position, 2021.*

**Prevatte, Carson**

**Instructor,  
Chemistry**

*B.S., 2011, Tennessee Technological University; PhD, 2017, University of Tennessee - Knoxville; Motlow position, 2023.*

**Purcell, Brian**

**Assistant Professor,  
Mathematics**

*B.A., 1994, Azusa Pacific University; M.S., 2000, Humboldt State University; Motlow position, 2019.*

**Pykiet, Melanie**

**Licensed Therapist,  
Fayetteville and  
McMinnville**

**Quinn, William**

**Network Systems &  
Security Manager**

*Certified CompTIA, 2018; Motlow position, 2018.*

**Rascoe, Ingrid**

**Coordinator,  
Workforce  
Programs**

*A.A.S., 2007, Motlow State Community College; Motlow position, 2011.*

**Raymond, Sarah**

**Staff Writer**

*Motlow position, 2023.*

**Reeves, Bradley**

**Microcomputer Technician, Moore**

*A.S., 2001, Motlow State Community College;  
B.S., 2014, Tennessee Tech University; Motlow  
position, 2015.*

**Reid, Katie**

**Completion Coach; Assistant Women's  
Soccer Coach**

*B.A., 2014, Martin Methodist College; Motlow  
position, 2018.*

**Reilly, Samuel**

**Instructor, English**

*B.A., 2014, Middle Tennessee State University;  
M.F.A., 2021, University of California,  
Riverside; Motlow position, 2022.*

**Reis, Sharon**

**Account Clerk II**

*Motlow position, 2020.*

**Reynolds, Eric**

**Director of Mechatronics; Assistant  
Professor, Mechatronics**

*B.S., 1998, Tennessee Technological  
University; Motlow position, 2018.*

**Rhodes, Allen**

**Assistant Director of Public Safety**

*B.S., 2014, Bethal University; Motlow position, 2018.*

**Rich, Joy**

**Assistant Vice President for Workforce Development**

*EdS., 2020, University of the Cumberlands; Motlow position, 2020.*

**Ridner, Kevin**

**Maintenance Mechanic, Moore**

*A.S., 1999, Motlow State Community College; B.A. 2011, Trevecca Nazarene University; Motlow position, 2002.*

**Robinson, Brian**

**Department Lead, Art & Communications; Professor, Art**

*B.F.A., 1995, Middle Tennessee State University; M.F.A., 1997, Washington State University; Motlow position, 1999.*

**Robinson, Elaine**

**Department Lead, Mathematics; Associate Professor, Mathematics**

*B.S., 1977, University of Tennessee, Martin; M.S., 1982, University of Tennessee, Martin; Additional Graduate Study, Alabama A & M University, Middle Tennessee State University and University of Tennessee Space Institute; Motlow position, 1992.*

**Robinson, Jennifer**

**Library Associate III, Moore**

*B.F.A., 1996, Middle Tennessee State University; Motlow position, 2021.*

**Roebuck, Alissa**

**Executive Administrator**

*BSc., 2005, Imperial College; MSc., 2206, London School of Economics; Motlow position, 2020.*

**Rogers, Lori**

**Administrative Secretary, Office of the  
Dean of Students**

*A.S., 2009, Motlow State Community College; Motlow position, 2016.*

**Rowe, Brian**

**Executive Director of Human Resources**

*A.S., 2003, Schoolcraft College; A.S., 2015, Austin Peay State University; B.S., 2018, Austin Peay State University; IPMA-SCP Certification 2019; SPHR Certification, 2020; Motlow position, 2020.*

**Rudd, Marla**

**High School Programs Specialist, Moore  
County**

*B.S., 2009, Martin Methodist College; Motlow position, 2023.*

**Rude, Alix**

**Administrative Secretary, Office of the  
Dean of Mathematics & Natural Science**

*Motlow position, 2021.*

**Sand, Paul**

**Associate Professor, Mechatronics**

*B.S., 1990, University of Cincinnati, Ohio; M.S. 1996, AFTI, Wright Patterson AFB; Motlow position, 2012.*

**Sanders, Allen**

*B.S., 2012, Duquesne University, Pittsburg, PA; Motlow position, 2013.*

**Completion Coach, McMinnville**

**Sanders, Lisa**

*A.S., 1986, Columbia State Community College; B.S., 1999, Education, University of Tennessee, Knoxville; M.S., 2003, Golden Gate University; Motlow position, 2016.*

**Fayetteville Campus Engagement Director; Prior Learning Assessment Coordinator**

**Sanders, Mae**

*B.S., 2011, Lambuth University; Motlow position, 2017.*

**Director of Admissions and Records, Registrar**

**Scales, Barbara**

*Motlow position, 2020.*

**Executive Director of Organizational Culture & Enrichment; Title IX/Title VI Coordinator; Affirmative Action Officer**

**Scarbrough, Martha W.**

*B.A., 1964, Middle Tennessee State University; M.S.T., 1967, Middle Tennessee State University; Additional Graduate Study, Middle Tennessee State University, Memphis State University and Tennessee State University; Motlow position, 1969-2004.*

**Faculty Emeritus, Mathematics**

**Scholz, Jeanna**

**Compliance & Equity Specialist; Deputy Title IX/Title VI Coordinator**

*B.A., 2004, The University at Albany, SUNY;  
M.Ed, 2019, Middle Tennessee State  
University; Motlow position, 2022.*

**Seal, Davis**

**Director of Operations for External  
Affairs**

*B.S., 2014, Middle Tennessee State University;  
Motlow position, 2015.*

**Seal, Emily Brown**

**Associate Professor, Speech and Theatre**

*B.A., 2004, Union University; M.F.A., 2008,  
University of Southern Mississippi; Teacher  
Licensure and Endorsement, 2009; Graduate  
Certificate in Communication Ed, 2011;  
Motlow position, 2011.*

**Seals, Elijah**

**Cyber Lab Technician**

*Motlow position, 2023.*

**Seier, Leah**

**Executive Administrative Assistant**

*Motlow position, 2022.*

**Shasteen, C. Scott**

**Sports Information Director**

*A.S., 1996, Motlow State Community College;  
B.S., 2002, Middle Tennessee State University;  
Motlow position, 1995.*

**Shelton, Donnie**

**Maintenance Mechanic/Grounds  
Foreman, Moore**

*Motlow position, 2008.*



**Shelton, Ramona**

**Director, Academic Resource Center;  
Associate Professor, History**

*A.A., 1992, Martin Methodist College; B.S., 2003, Athens State University; B.A., 2006, Athens State University; M.A., 2006 Jacksonville State University; Certificate in Community College Leadership, 2021, East Tennessee State University; Motlow position, 2016.*

**Sheppard, Theresa**

**Secretary III, Moore**

*Motlow position, 2008.*

**Short, Jeffery**

**Director of Technical Operations**

*Motlow position, 2019.*

**Short, Samuel**

**Instructor, History**

*B.A., 2016, Middle Tennessee State University; M.A., 2018, University College London; Motlow position, 2022.*

**Simpson, Debra Collins**

**Department Lead, Education; Associate Professor, Education**

*B.S., 1977, Middle Tennessee State University; M.Ed., 1988, University of Tennessee, Chattanooga; Motlow position 2013.*

**Slatton, Katie**

**Secretary II, Office of the McMinnville Campus Engagement Director**

*B.S., 2015, Tennessee State University; Motlow position, 2016.*

**Smith, Bertha**

**Completion Coach**

*A.S., 2000, Motlow State Community College;  
Motlow position, 2016.*

**Smith, Tina**

**Assistant Director of Financial Aid,  
Smyrna**

*B.S., 2015, Tennessee Tech University; M.P.S.,  
2017, Tennessee Tech University;  
Motlow position, 2018.*

**Smitty, Tabitha**

**Enrollment Assistant**

*Motlow position, 2023.*

**Smotherman, Steven W.**

**Associate Professor, Mathematics**

*A.S., 1979, Motlow State Community College;  
B.S., 1981, Middle Tennessee State University;  
M.S., 1983, Middle Tennessee State University;  
Additional Graduate Study, University of  
Tennessee Space Institute and Middle  
Tennessee State University; Motlow position,  
1983.*

**Spencer, Chatney**

**Director of Institutional Effectiveness;  
Associate Professor, Chemistry**

*B.S., 2008, Florida A&M University; M.S.,  
2010, Florida A&M University; Ed.D., 2022,  
Trevecca Nazarene University; Motlow  
position, 2016.*

**Spratlin, Wes**

**Associate Professor, English**

*B.S., 1990, Austin Peay State University; M.A.,  
1992, Middle Tennessee State University;  
Additional Graduate Study, Auburn  
University; Motlow position, 1998.*

**Stanfield, Henry**

**Assistant Professor, Mathematics**

*B.S., 1967, University of Tennessee, Knoxville;  
M.S., 1975, University of Louisville; A.A.S.,  
2006, Waubonsee Community College;  
Motlow position, 2017.*

**Stiles, Allison**

**Secretary II; Sparta Student Advisor**

*A.S., 1994, Motlow State Community College;  
B.S., 1997, Lipscomb University; Motlow  
position, 2022.*

**Stockdale, Debbie**

**Assistant Professor, Speech**

*B.S., 1985, West Texas State University; M.A.,  
2009, Austin Peay University; Motlow  
position, 2017.*

**Stone, Lisa**

**Licensed Therapist, Moore County &  
Fayetteville**

*A.A., 1986, Martin Methodist College; B.A.,  
1988, Tennessee Wesleyan College, M.Div.,  
1992, Duke University Divinity School; M.A.,  
2012, East Tennessee State University;  
Motlow position, 2017.*

**Stringfield, James**

**Associate Professor, English**

*B.A., 2004, University of Tennessee, Martin;  
M.A., 2006, Kansas State University; Motlow  
position, 2008.*

**Summers, Christine**

**Instructor, Business and Technology**

*B.A., 1993, Northern Illinois University;  
M.B.A., 2017, Middle Tennessee State  
University; Motlow position, 2019*

**Summers, Mandy**

**HR Analyst III**

*B.S., 2002, University of Alabama-Huntsville;  
Motlow position, 2021.*

**Sweeney, Andrew**

**Assistant Professor, Mathematics**

*A.S., 2014, Walters State Community College;  
B.S., 2016, Carson-Newman University; M.S.,  
2018, East Tennessee State University;  
Motlow position, 2019.*

**Sweeton, Nathan**

**Honors Coordinator; Associate  
Professor, English**

*B.A., 2003, Lee University; M.A., 2005,  
University of Leeds; Motlow position, 2007.*

**Syler, Amy**

**Admissions & Records Specialist**

*Motlow position, 2023.*

**Syler, Liala**

**Instructor, Sociology**

*B.S., Middle Tennessee State University; M.A.,  
2014, American University; Motlow position,  
2020.*

**Tantawi, Omar**

**Associate Professor, Mechatronics**

*B.S., 2010, Mu'tah University; Pre-Med, 2013,  
Middle Tennessee State University; Motlow  
position, 2015.*

**Taylor, Brenden**

**Instructor, Theatre**

*A.S., 2010, Motlow State Community College;  
B.S., 2013, Middle Tennessee State University;*

*M.A., 2017, Regent University; Motlow position, 2022.*

**Temple, Stanley**

**Maintenance Mechanic, Smyrna**

*Motlow position, 2006.*

**Terrill, Keith**

**Assistant Professor, Mathematics**

*B.S., 2009, Tennessee Technological University; M.S., 2016, Tennessee Technological University; Motlow position, 2019.*

**Thornton, Janet**

**Assistant Professor, Nursing**

*A.A.S., 1990, Motlow State Community College; B.S.N., 2013, University of Tennessee, Knoxville; M.S.N., 2016, Western Governors University; Motlow position, 2018.*

**Tilton, Kelly**

**Branch Librarian, Smyrna**

*B.A., 2010, Freed-Hardeman University; M.S., 2013, University of Tennessee, Knoxville; M.F.A., 2015, University of Tennessee, Knoxville; Motlow position, 2022.*

**Toller, Anita**

**Financial Aid Counselor, Moore**

*B.S., 1995, Middle Tennessee State University; Motlow position, 2018.*

**Torrence, Michael L.**

**President**

*B.A., 2000, South Dakota State University; M.A., 2001 South Dakota State University; Ph.D., 2009, Tennessee Technological University; Motlow position, 2018.*

**Trail, Daniel W.**

*Certificate, Tennessee Technology Center,  
Shelbyville; Motlow position, 1995.*

**Grounds Worker, Moore**

**Tripp, Caitlin**

*A.S., 2016, Motlow State Community College;  
B.A., 2018, East Tennessee State University;  
Motlow position, 2019.*

**Graduation Analyst**

**Tripp, Cindy**

*1988, Diploma (LPN), Tennessee Technology  
Center, Shelbyville; Motlow position, 2019.*

**Financial Aid Clerk**

**Troxler, Mason**

*Motlow position, 2020.*

**Custodian, Moore**

**Turner, Thomas**

*M.S., 2007, Minnesota State University;  
Motlow position, 2022.*

**Sparta Site Director**

**Van Wart, Adam**

*B.S., 2004, University of California - Davis;  
M.S., 2011, University of California - Irvine;  
PhD, 2013, University of California - San  
Diego; Motlow position, 2023.*

**Instructor, Chemistry**

**Vance, Alexis**

*Motlow position, 2023.*

**Branch Librarian, McMinnville**

**Vannatta, Desiree**

**Director of Educational Support Services;  
Instructor, Reading**

*Diplomas (Medical Secretary, Legal Secretary) and Certificate (Accounting Clerk), 2000, Tennessee College of Applied Technology; A.S., 2002, Motlow State Community College; B.A., 2005, Middle Tennessee State University; M.Ed, 2012, Middle Tennessee State University; Ed.D., 2019, Middle Tennessee State University; Motlow position, 2021.*

**Vaughan, David**

**Assistant Professor, Biology**

*B.A., 1971, David Lipscomb University; M.S., 1975, University of Tennessee, Knoxville; M.S.A., 1984, Lynchburg College; Motlow position, 2017.*

**Verdin, Regina**

**Executive Vice President of Academic Affairs**

*B.A., 1988, California State University at Fullerton; M.Ed, 2005, Argosy University; Ed.D, 2012, Argosy University; Motlow position, 2022.*

**Verret, Laura**

**Library Associate II, Smyrna**

*Motlow position, 2023.*

**Walker, Michelle**

**High School Programs Specialist,  
Fayetteville**

*Motlow position, 2023.*

**Watts, Carl "Bucky"**

**Public Safety Officer, Smyrna**

*Motlow position, 2019.*

**Weaver, David**

**Instructor, Paramedic**

*A.A.S., 2011, Volunteer State Community College; Motlow position, 2022.*

**Wells, Carolyn**

**Testing Proctor, Fayetteville**

*Motlow position, 1977.*

**Wexler, Charles**

**Assistant Professor, History**

*B.A., 2006, Temple University; M.A., 2008, College of Charleston; Ph.D., 2015, Auburn University; Motlow position, 2018.*

**Whiting, Charles**

**Associate Professor, Mass Communications**

*B.A., 1977, University of Alabama; M.A., 1980, University of Alabama; Motlow position, 2016.*

**Whittenburg, Rhonda**

**Associate Professor, English**

*B.A., 2004, University of Illinois; M.A., 2005, University of Illinois; Motlow position, 2009.*

**Williams, Brian**

**Instructor, EMT/AEMT**

*A.A.S., 2017, Volunteer State Community College; Motlow position, 2021.*

**Williams, Cherie**

**Associate Professor, Communications**

*B.A., 1982, Union University; M.A., 1984, Regent University; Motlow position, 2006.*



**Wilson, Brenda**

**Testing Proctor, Smyrna**

*Motlow position, 2023.*

**Wingard, Ashley**

**Instructor, Paramedic**

*Certificate (EMT), 2015, Motlow State Community College; A.A.S., 2017, Motlow State Community College; Motlow position, 2018.*

**Winton, Gary**

**Smyrna Campus Engagement Director**

*A.S., 1997, Motlow State Community College; B.S., 2005, Middle Tennessee State University; Motlow position, 2000.*

**Wright, Richard**

**Custodian, Moore**

*Motlow position, 2019.*

**Young, Jonathan**

**Assistant Professor, Mathematics**

*B.S., 1995, Middle Tennessee State University; M.B.A., 2005, Middle Tennessee State University; Motlow position, 2018.*

**Young, Kayren**

**Human Resources Assistant II**

*Motlow position, 2018.*

**Zimmerman, Debbie**

**Faculty Emeritus, Associate Professor, Communications**

*A.A., 1973, Motlow State Community College; B.S., 1974, Middle Tennessee State University; M.Ed., 1980, Middle Tennessee State University; Motlow position, 1981-2014.*

## MOTLOW COLLEGE FOUNDATION TRUSTEES EXECUTIVE COMMITTEE

Jeff Anderson	Coffee County
Sharon Bateman	Moore County
Gay Dempsey	Lincoln County
Todd Herzog	Warren County
Howard Kirksey	Franklin County
Eugene London	Coffee County
Fran Marcum	Coffee County
Gary Morgan	Rutherford County, Chair
Jim Payne	White County
John Parker	Bedford County
Hilda Tunstill	Franklin County
Daryl Welch	Franklin County

## EARLY CHILDHOOD EDUCATION ADVISORY COUNCIL

Ms. Stacy Bradshaw	Tullahoma
Ms. Menza Cantrell	Shelbyville
Ms. Emma Coleman	Tullahoma
Mr. Sid Hill	Area-Wide
Ms. Larue Hopper	Fayetteville
Ms. Margaret McKinley	Murfreesboro/Smyrna
Ms. Nusrat Mohyuddin	Tullahoma
Ms. Debbie Simpson	Murfreesboro/Smyrna

## NURSING AND ALLIED HEALTH

Chief Nursing Officers/Directors of Nursing	Representative Current Nursing Clinical Facilities
Current Level II Class President	Motlow College
Current Student Nurses Association President	Motlow College

Previous year's Level II Class President	Motlow College
All Full Time Nursing Faculty	Motlow College
Current Nursing Adjunct Faculty	Motlow College
TTC Director of Nursing	Tennessee College of Applied Technology Centers
University Director of Nursing Representative	
Representatives from other employers of recent graduates	

## GENERAL EDUCATION

Ms. Susan Askew	Sewanee
Ms. Nancy June Brandon	Shelbyville
Ms. Gingi Braswell	Smithville
Ms. Marge Gore	Manchester
Dr. Charles Harvey	Tullahoma
Ms. Carolyn Houston	Spencer
Mr. Ted Jones	Smithville
Ms. Kim Kelly	Murfreesboro
Ms. Barbara Parker	Woodbury
Mr. Robert Smith	Manchester
Mr. Herd Sullivan	Sparta
Ms. Lynne Tolley	Lynchburg
Mr. Thomas Vaughn	McMinnville
Mr. Jeff Whitmore	Fayetteville
Student Representatives	

## TENNESSEE BOARD OF REGENTS/CONGRESSIONAL DISTRICTS/AT-LARGE SERVICE TERM

### Tennessee Board of Regents

**[Click here for website viewing:  
http://www.tbr.edu/board/members](http://www.tbr.edu/board/members)**

Flora Tydings Chancellor

**Named by Statutory Act:** Ex-Officio

The Honorable Bill Lee, Governor Ex-Officio

The Honorable Charles Hatcher, The  
Commissioner of Agriculture Ex-Officio

The Honorable Penny Schwinn, Commissioner  
of Education Ex-Officio

Emily House, Executive Director, Tennessee  
Higher Education Commission Ex-Officio

### **Named from Congressional Districts and At-Large Service Term:**

Kenneth Goldsmith Faculty Regent, 2019-2020

Wanda Reid Faculty Regent (Non-Voting), 2020-2022

William T. McElyea Student Regent, 2020-2021

Mark Gill At-Large, Middle Tennessee, 2019-2024

Thomas A.H. White At-Large, East Tennessee, 2017-2022

Mark George At-Large, West Tennessee 2020-2026

Miles A. Burdine 1st Congressional District, 2017-2019, 2019-  
2025

Danni B. Varlan 2nd Congressional District, 2013-2019, 2019-  
2025

Weston Wamp 3rd Congressional District, 2019-2023

Yolanda S. Greene 4th Congressional District, 2017-2022

Emily J. Reynolds, Vice Chair 5th Congressional District, 2017-2021

MaryLou Apple 6th Congressional District, 2015-2018, 2018-  
2024

Joey Hatch 7th Congressional District, 2017-2022

Nisha Powers

8th Congressional District, 2020-2026

Greg Duckett

9th Congressional District, 2012-2018, 2018-  
2024

## Catalog Addendum

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The course offerings and requirements of the institution are continually under examination and revision. This Catalog presents the offerings and requirements in effect at the time of publication; it does not guarantee that such offerings and requirements will not be changed or revoked. Adequate and reasonable notice will be given to students to be affected by any changes. This Catalog is not intended to state contractual terms and does not constitute a contract between the student and the institution.

The institution reserves the right to make changes as required in course offerings, curricula, academic policies and other policies and rules affecting students, to be effective whenever determined by the institution. Such changes will govern current and formerly enrolled students. Enrollment of all students is subject to these conditions.