

**DeKalb County High School
Career and Technical Education
Areas of Focus**

**School Year
2023-24**

Career Cluster - Agriculture, Food and Natural Resources

Career Cluster Description: This Career Cluster focused on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Area of Focus- Veterinary and Animal Science-Veterinary and Animal Science is designed for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions.

High School Course Offerings:

- Agriscience C18H19 (9th grade)
- Small Animal Science C18H20
- Large Animal Science C18H27
- Capstone Supervised Agricultural Experience C18H57 (School Based Enterprise/ WBL)

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- AGRI 1020-Introduction to Animal Science C18H01
- BIOL 1110 General Biology
- ENGL 1010 English Composition
- MATH 1530 Introductory Statistics

Dual Credit

- Middle Tennessee State University-Large Animal Science C18H27

Industry Certifications

- OSHA 10

Career and Technical Student Organization Club

- Future Farmers of America

Career Cluster - Agriculture, Food and Natural Resources

Career Cluster Description: This Career Cluster focused on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Area of Focus- Horticulture Science- prepares students for future careers in the management of greenhouse operations, horticulture production, landscape design and maintenance, and turf management. Content covered in this area of focus includes principles of plant health, growth, reproduction, and biotechnology, principles of hydroponics and aquaponics, greenhouse structures, growing media, site analysis and planning, principles of design, and plant selection and care techniques. Upon completion of this area of focus, students will be prepared to pursue careers or further study in the horticultural sciences.

High School Course Offerings:

- Agriscience C18H19 (9th grade)
- Greenhouse Management/Introduction to Plant Science- Statewide Dual Credit C18H09
- Landscape and Turf C18H16
- Capstone Supervised Agricultural Experience C18H57 (School Based Enterprise/ WBL)

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- AGRI 1020 Intro to Animal Science C18H05
- ECON 2100 Principles of Microeconomics
- ENGL 1010 English Composition
- MATH 1530 Introduction to Statistics or MATH 2050 (for students transferring to UTK)

Dual Credit

- Middle Tennessee State University-Horticulture Science
- Statewide Dual Credit

Industry Certifications

- OSHA 10

Career and Technical Student Organization Club

- Future Farmers of America

Career Cluster - Architecture and Construction

Career Cluster Description: Careers in designing, planning, managing, building and maintaining the built environment.

Area of Focus- Residential & Commercial Construction program is intended to prepare students for careers in construction by developing an understanding of the different phases of a construction project from start to finish. Upon completion of this course, proficient students will be able to demonstrate knowledge and skill in the later phases of building construction including roofing systems, exterior finishing, stair framing systems, masonry systems, and plumbing systems.

- **All students grades 9-12 will receive dual enrollment credit for each course taken that will be applied at the Tennessee College of Applied Technologies McMinnville. Courses will be taught at DeKalb County High School.**

High School/Dual Enrollment Course Offerings: (Grade 9-12)

- Fundamentals of Construction/Residential and Commercial Construction I C17H01 (**9th grade**)
- Residential & Commercial Construction I/ Residential and Commercial Construction II C17H31
- Residential & Commercial Construction II/ Residential and Commercial Construction III Fall Semester C17H33
- Residential & Commercial Construction II/ Residential and Commercial Construction IV Spring Semester C17H34
- Construction Practicum C17H22 (School Based Enterprise/ WBL)

Industry Certification

- OSHA 10
- NC3 Precision Measurement

Career and Technical Student Organization Club

- SkillsUSA

Career Cluster - Information Technology

Career Cluster Description: Building linkages in IT occupations for entry level, technical and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.

Area of Focus- Coding is a course intended to teach students the basics of computer programming. The course places emphasis on practicing standard programming techniques and learning the logic tools and methods typically used by programmers to create simple computer applications. Upon completion of this course, proficient students will be able to solve problems by planning multi step procedures; write, analyze, review, and revise programs, converting detailed information from workflow charts and diagrams into coded instructions in a computer language; and will be able to troubleshoot/debug programs and software applications to correct malfunctions and ensure their proper execution.

High School Course Offerings:

- Computer Science Requirement for all Freshman (**can be used for a concentration in Coding**)
- Coding I C10H14 (**9th grade**)
- Coding II C10H15
- Work Based Learning Career Practicum C25H16

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- CISP 1010 Computer Science C10H01
- COMM 2025 Fundamentals of Communications
- ENGL 1010 English Composition
- MATH 1910 Calculus I

Career and Technical Student Organization Club

- Future Business Leaders of America (FBLA)

Career Cluster - Health Science

Career Cluster Description: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Area of Focus- Diagnostic Services course designed to prepare students to pursue careers in the fields of diagnostic medical imaging, medical laboratory testing, optometry, and other patient diagnostic procedures. Upon completion of this course, proficient students will be able to describe new and evolving diagnostic technologies, compare and contrast the features of healthcare systems, explain the legal and ethical ramifications of the healthcare setting, and begin to perform foundational healthcare skills. In addition, students will continue to add artifacts to a portfolio, which they will continue to build throughout the area of focus.

High School Course Offerings:

- Health Science Education C14H14 (9th grade)
- Diagnostic Medicine C14H12
- Anatomy & Physiology C14H09
- Medical Terminology C14H07
- Clinical Internship WBL C14H11

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- BIO 2010 Human Anatomy and Physiology G03H43
- ENGL 1010 English Composition
- NRSN 1710 Fundamentals of Nursing C14H03
- PSYC 1030 Introduction to Psychology
- BIOL 2230 Microbiology

TCAT- McMinnville- Dual Credit Pre-Practical Nursing Program

- HESI Exam/ Dosage Calculations/ Phlebotomy
- Anatomy and Physiology

Industry Certification

- Certified Nursing Assistant- NHC Healthcare
- Adult, Infant, and Child CPR/AED/First Aid

Career and Technical Student Organization Club

- Health Occupation Students of America (HOSA)

Career Cluster - Health Science

Career Cluster Description: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Area of Focus-Nursing Services is designed to prepare students to pursue careers in the field of nursing. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, maintain residents' rights and independence, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a nursing assistant.

High School Course Offerings:

- Health Science Education C14H14 (9th grade)
- Medical Therapeutics C14H15
- Anatomy and Physiology C14H09
- Clinical Internship WBL C14H11
- Medical Terminology C14H07

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- BIO 2010 Human Anatomy and Physiology G03H43
- ENGL 1010 English Composition
- NRSNG 1710 Fundamentals of Nursing C14H03
- PSYC 1030 Introduction to Psychology
- BIOL 2230 Microbiology

TCAT- McMinnville- Dual Credit Pre-Practical Nursing Program

- HESI Exam/ Dosage Calculations
- Anatomy and Physiology

Industry Certification

- Certified Nursing Assistant- NHC Healthcare
- Adult, Infant, and Child CPR/AED/First Aid

Career and Technical Student Organization Club

- Health Occupation Students of America (HOSA)

Career Cluster - Health Science

Career Cluster Description: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Area of Focus- Sports and Human Performance is an applied area of focus designed to prepare students to pursue careers in rehabilitation services. Upon completion of this course, a proficient student will be able to identify careers in rehabilitation services, recognize diseases, disorders or injuries related to rehabilitation services and correlate the related anatomy and physiology then develop a plan of treatment with appropriate modalities.

High School Course Offerings:

- Health Science Education C14H14 (9th grade)
- Medical Therapeutics C14H15
- Rehabilitation Careers C14H08
- Anatomy and Physiology C14H09
- Medical Terminology C14H07
- Clinical Internship WBL C14H11

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- BIO 2010 Human Anatomy and Physiology G03H43
- ENGL 1010 English Composition
- NRSN 1710 Fundamentals of Nursing C14H03
- PSYC 1030 Introduction to Psychology
- BIOL 2230 Microbiology

TCAT- McMinnville- Dual Credit Pre-Practical Nursing Program

- HESI Exam/ Dosage Calculations
- Anatomy and Physiology

Industry Certification

- Certified Nursing Assistant- NHC Healthcare
- Adult, Infant, and Child CPR/AED/First Aid

Career and Technical Student Organization Club

- Health Occupation Students of America (HOSA)

Career Cluster- Health Science

Career Cluster Description: Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Area of Focus- Therapeutic Services is an applied area of focus designed to prepare students to pursue careers in therapeutic and nursing services. Upon completion of this course, a proficient student will be able to identify careers in therapeutics services; assess, monitor, evaluate, and report patient/client health status; and identify the purpose and components of treatments.

High School Course Offerings:

- Health Science Education C14H14 (9th grade)
- Anatomy and Physiology C14H09
- Medical Therapeutics C14H15
- Medical Terminology C14H07
- Clinical Internship WBL C14H11

Motlow State Community College Pathway-Dual Enrollment (Grade 11&12)

- BIO 2010 Human Anatomy and Physiology G03H43
- ENGL 1010 English Composition
- NRSNG 1710 Fundamentals of Nursing C14H03
- PSYC 1030 Introduction to Psychology
- BIOL 2230 Microbiology

TCAT- McMinnville- Dual Credit: Pre-Practical Nursing Program

- HESI Exam/ Dosage Calculations
- Anatomy and Physiology

Industry Certification

- Certified Nursing Assistant- NHC Healthcare
- Adult, Infant, and Child CPR/AED/First Aid
- Certified Pharmacy Technician

Career and Technical Student Organization Club

- Health Occupation Students of America (HOSA)

Career Cluster – Education, Training & Coaching

Career Cluster Description: Planning, managing and providing education and training services, and related learning support services.

Area of Focus- Teaching as a Profession (K-12) is designed for students interested in becoming an educator. In this program of study, course content covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, educational technology, classroom management, lesson planning, professionalism, and more. Upon completion of this POS, students will have participated in an internship placement and built a professional portfolio in preparation for advanced training as future educators at the postsecondary level.

High School Course Offerings:

- Introduction to Teaching as a Profession C32H33 (9th grade)
- Teaching as a Profession I C32H01
- Teaching as a Profession II C32H02
- Teaching as a Profession Practicum C32H03 (School Based Enterprise/
WBL)
- Introduction to Education- Statewide Dual Credit C32H28

Motlow State Community College Pathway (ELEM K-5) Dual Enrollment (Grade 11&12)

- BIOL 1010 Introduction to Biology
- EDUC 1010 Introduction to Education C25H04
- ENGL 1010 English Composition I
- HIST 2010 Early United States History

Motlow State Community College Pathway (Early Childhood K-3) Dual Enrollment(Grade 11&12)

- BIOL 1010 Introduction to Biology
- EDUC 1010 Introduction to Education C25H04
- ENGL 1010 English Composition I
- ECED 1310 Introduction to Early Childhood Education

Statewide Dual Credit

- Introduction to Education C32H28

Career Cluster – Human Services

Career Cluster Description: Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

Area of Focus- Human and Social Services area of focus students investigate human needs and their impact on lifespan development, an overview of the human and social services fields, communication skills, and the historical and social changes of the modern family. As students progress through the program of study, they will compile artifacts for a portfolio in preparation for future training at a postsecondary level.

High School Course Offerings:

- Introduction to Human Studies C19H19 (9th grade)
- Lifespan Development C19H17
- Family Studies C19H18
- Human Services Practicum/WBL C19H20

Motlow State Community College Pathway: (Social Work) Dual Enrollment(Grade 11&12)

- COMM 2025 Fundamentals of Communication
- ENGL 1010 English Composition I
- MATH 1530 Introductory Statistics
- SOCI 1010 Introduction to Sociology/Human and Social Sciences I C19H02

Career Cluster - Advanced Manufacturing-Machining Technology

Career Cluster Description: Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Area of Focus- Machining Technology area of focus is designed for students interested in becoming a computer-controlled machine tool operator, a CNC machining tool programmer, or a machinist. Students will spend time working with various machines to design parts in a shop/lab setting.

- **All students grades 9-12 will receive dual enrollment credit for each course taken that will be applied at the Tennessee College of Applied Technologies McMinnville. Courses will be taught at DeKalb County High School.**

High School/Dual Enrollment Course Offerings: (Grade 9-12)

- Principles of Manufacturing/ Machining Technology I C13H01 (9th grade)
- Principles of Machining I/Machining Technology II C13H20
- Principles of Machining II/Machining Technology III C13H34

- Machining Technology IV/Manufacturing Practicum C13H35
- Manufacturing Practicum- School based Enterprise/WBL C13H08
- Work Based Learning Career Practicum C25H16

Industry Certification

- NC3 Precision Measurement

Career and Technical Student Organization Club

- SkillsUSA

Career Cluster - Transportation, Distribution, and Logistics

Career Cluster Description: Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Area of Focus- Automotive Maintenance and Light Repair area of focus covers important skills and knowledge on becoming a professional service technician. You will be working on all parts of an automobile in a shop setting.

- **All students grades 9-12 will receive dual enrollment credit for each course taken that will be applied at the Tennessee College of Applied Technologies McMinnville. Courses will be taught at DeKalb County High School.**

High School/Dual Enrollment Course Offerings: (Grade 9-12)

- Maintenance and Light Repair I C20H01 (9th grade)
- Maintenance and Light Repair II C20H21
- Maintenance and Light Repair III C20H22
- Maintenance and Light Repair IV C20H30
- Work Based Learning Career Practicum C25H16

Industry Certification

- NC3 Snap On Precision Measurement
- NC3 Snap On Tire Pressure Management System
- NC3 Snap On Multimeter

Career and Technical Student Organization Club

- SkillsUSA

Career Cluster- Advanced Manufacturing-Mechatronics Technology/Industrial Maintenance

Career Cluster Description: Mechatronics program is designed for students interested in becoming a mechatronics technician, electrical technician, mechanical engineering technician, robotics technician, or mechatronics engineer. Course content focuses on the components of manufacturing systems, collection and analysis of quality data, electronics, mechanics, fluid power systems, computers and control systems, and technical documentation and troubleshooting.

Area of Focus- Mechatronics/Industrial Maintenance is an applied course in the manufacturing cluster for students interested in learning more about careers as a mechatronics technician, maintenance technician, electromechanical technician, and manufacturing engineer. Courses cover basic electrical and mechanical components of mechatronics systems as well as their combined uses with instrument controls and embedded software designs. Upon completion of this course, proficient students are able to describe and explain basic functions of physical properties and electrical components within a mechatronic system. They can logically trace the flow of energy through a mechatronic system and can communicate this process to others. They know how to effectively use technical documentation such as data sheets, schematics, timing diagrams, and system specifications to troubleshoot basic problems with equipment.

High School Course Offerings: (Grade 9-10)

- Principles of Manufacturing C13H05 (9th grade)
- Robotics and Automated Systems C13H15
- Digital Electronics C13H07
- Work Based Learning Career Practicum C25H16

Motlow State Community College Dual Enrollment Courses (Grade 11&12)

TCAT McMinnville Dual Enrollment (Grades 9-12)

These courses will be taught at DeKalb County High School

- MECH 1310 Electrical Components/Mechatronics I C13H04
- MECH 1320 Mechanical Components and Electrical Drives/Mechatronics II C13H21
- MECH 1330 Electro Pneumatic and Hydraulic Control Circuit/Mechatronics III C13H36
- MECH 1340 Digital Fundamentals and Programmable Logic Controllers/Mechatronics IV C13H37
- MECH 1350 Industrial Robotics (optional dual enrollment)
- Manufacturing Practicum-School Based Enterprise/WBL C13H08
- Work Based Learning Career Practicum C25H16

Industry Certification

- OSHA 10
- NC3 Snap On Precision Measurement
- NC3 Snap On Multimeter

Career and Technical Student Organization Club

- SkillsUSA

Career Cluster- Law, Public Safety, Corrections, & Security

Career Cluster Description: Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Area of Focus- Criminal Justice and Correction Services area of focus prepares students for a range of careers in law enforcement, crime scene analysis, forensic science, public safety, and criminal justice. Course content emphasizes procedures and laws governing the application of justice in the United States, from constitutional rights to crisis scenario management and the elements of criminal investigations. Upon completion of this program of study, students will be equipped with the knowledge and skill preparation for postsecondary or career opportunities in many law- and justice-related fields.

High School Course Offerings:

- Criminal Justice I C30H00 (9th grade)
- Criminal Justice II C30H01
- Criminal Justice III: Forensics Criminal Investigation/Statewide Dual Credit C30H11
or Dual Enrollment C30H12
- Criminal Justice Practicum C30H03
or Dual Enrollment C30H20
- Work Based Learning Career Practicum C25H16

Motlow State Community College Pathway Dual Enrollment(Grade 11&12)

- CRMJ 1010 Introduction to Criminal Justice C30H12
- ENGL 1010 English Composition
- MATH 1010 Math for General Studies
- HIST 2010 Early United States History

Statewide Dual Credit

- Criminal Justice C30H11

Career and Technical Student Organization Club

- SkillsUSA

Career Cluster - Hospitality and Tourism

Career Cluster Description: The management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.

Area of Focus- Culinary Arts area of focus equips students with the skills and knowledge needed to pursue a variety of careers in the culinary field. Upon completion of the course, students will be proficient in components of commercial kitchen safety and sanitation, dining room service, food preparation and presentation, bakeshop preparation skills and equipment, and advanced cooking principles. Students will gain experience in commercial food production and service operations, while preparing for further training at the postsecondary level. Artifacts will be created for inclusion in a portfolio, which will continue throughout the full sequence of courses. In addition to implementing the following standards, the course should include a suggested 30 hours spent in a commercial kitchen laboratory

High School Course Offerings:

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| ● Culinary Arts I | C16H06 (9th grade) |
| ● Culinary Arts II | C16H07 |
| ● Culinary Arts III | C16H01 |
| ● Culinary Arts IV | C16H20 |
| ● Work Based Learning Career Practicum | C25H16 |

Sullivan University - Dual Credit

- BFS106 Basic Culinary Skills (6 credit hours)
- BFS104 Basic Culinary Theory (4 credit hours)
- CAM 134 Sanitation (4 credit hours)

Career Cluster- Human Services/Cosmetology

Career Cluster Description: Preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.

Area of Focus- Cosmetology area of focus has been revised to address and prepare students for postsecondary and industry standards. *Cosmetology* is designed to prepare students for careers in cosmetology by developing an understanding of efficient and safe work practices, salon business concepts and operations, hair techniques and chemical services, facial and skin care procedures and state board theoretical practical application. Laboratory facilities and experiences simulate those found in the cosmetology industry. Students may acquire hours transferable to a postsecondary institution for completion of hourly requirements needed to sit for the *Tennessee Cosmetology and Barber Examiners* examination.

- **All students grades 9-12 will receive dual enrollment credit for each course taken that will be applied at the Tennessee College of Applied Technologies McMinnville. Courses will be taught at DeKalb County High School.**

Tennessee College of Applied Technologies McMinnville- Dual Enrollment

- Cosmetology I C19H04 (9th grade)
- Cosmetology II C19H23
- Cosmetology III C19H27
- Cosmetology IV C19H28

Career Cluster- Marketing, Distribution & Logistics

Career Cluster Description-This career cluster prepares learners for careers in planning, managing, and performing marketing activities to reach organizational objectives, as well as careers involved in the planning, management, and movement of people, materials, and products by road, air, rail, and water.

Area of Focus- Digital Marketing Management is a course designed to give students an overview of the Business Management and Administration, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics. Upon completion of this area of focus, proficient students will be equipped with the skills to succeed in any of the Business, Marketing, or Finance areas of focus.

High School Course Offerings:

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|---|--------|
| ● Introduction to Business & Marketing | C12H26 |
| ● Marketing and Management I Principles | C31H00 |
| ● Social Media and Marketing Analytics | C31H02 |
| ● Advertising and Public Relations | C31H03 |

Motlow State Community College Pathway Dual Enrollment(Grade 11&12)

- ECON 2100 - Principles of Macroeconomics
- ENGL 1010 - English Composition I (**Grade of "C" or higher**)
- INFS 1010 - Computer Applications
- MATH 1630 - Finite Mathematics **or** MATH 1710 - Precalculus Algebra

Industry Certification

- Hootsuite Social Marketing Certification

Career and Technical Student Organization

- Future Business Leaders of America (FBLA)

**Emergency Management Technician-Motlow State Community
College***Enrollment for this course can occur 90 days before your 18th birthday.

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 healthcare 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

Career Cluster- Information Technology -Cybersecurity

Career Cluster Description -This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and cybersecurity-related careers in the Information Technology career cluster. This is the second course in the Cybersecurity program of study.

Area of Focus-Cybersecurity is a course intended to teach students the basic concepts of cybersecurity. The course places an emphasis on security integration, application of cybersecurity practices and devices, ethics, and best practices management. The fundamental skills in this course cover both in house and external threats to network security and design, how to enforce network level security policies, and how to safeguard an organization's information. Upon completion of this course, proficient students will be demonstrate and understanding of cybersecurity concepts, identify fundamental principles of networking systems, understand network infrastructure and network security, and be able to demonstrate how to implement various aspects of security within a networking system.

***This Area of Focus is online with Motlow State Community College. All classes can be completed as dual enrollment in the DeKalb County High School Distance Learning Lab.**

Motlow State Community College Pathway Dual Enrollment(Grade 11&12)

- **CITC 1300 Beginning HTML** **C10H24**
- **CITC 1301 Intro to Programming (Python)** **C10H31**
- **CITC 1321 A+ Hardware** **C10H34**
- **CITC 1322 A+ Software** **C10H35**