Course Descriptions

Career and Technical Education Department

Programs of Study

The Houston High School CTE Department offers students real-world experience, industry-aligned coursework, and opportunities to earn certifications and participate in work-based learning. Our programs prepare students for success in college, technical training, and high-demand careers.

To satisfy graduation requirements, students must complete an elective focus of 3 credits in any one of the following areas: Advanced Placement (AP), Career and Technical Education Program of Study, Fine Arts, Humanities, or Math and Science. The following CTE Programs of Study satisfy this requirement.

State Recognized CTE Cluster	Program of Study	Courses
Advanced Manufacturing	Mechatronics	1. Principles of Manufacturing+^ 2. Digital Electronics 3. *Mech I DE: Electrical Components+ **&** *Mech II DE: Fluid Power+ 4. *Mech III DE: Mechanical Components+ **&** *Mech IV DE: PLC Programming+
Agriculture, Food, & Natural Resources	Horticulture Science	1. Agriscience^ 2. Principles of Plant Sci & Hydroculture+^ 3. Greenhouse Management 4. Landscaping & Turf Science
Arts, Audio/Visual Technology, & Communications	Audio/Visual Production	1. Audio Visual Production I 2. Audio Visual Production II+^ 3. TV & Video Production Lab DE+ 4. Introduction to Media DE+
	Digital Arts & Design	1. Digital Arts & Design I 2. Digital Arts & Design II 3. Digital Arts & Design III+^
Business Management & Administration	Business Management	1. Intro to Business & Marketing 2. Business Communication 3. Business Management 4. Introduction to Entrepreneurship DE+
Health Science	Therapeutic Services	1. Health Science Education 2. Anatomy & Physiology: Health Sciences 3. Medical Therapeutics^ 4. Clinical Intern Therapeutics+^ 5. **Additional offering:** Sport Medical Terminology DE+ ONLINE
Hospitality and Tourism	Culinary Arts	1. Culinary Arts I 2. Culinary Arts II+^ *3. Culinary Arts III (2027-28)* *4. Culinary Arts IV (2028-29)*
Human Service	Human & Social Sciences	1. Introduction to Human Studies 2. Lifespan Development 3. *Family & Global Perspectives DE+ **&** *Family Resource Management DE+ 4. **Additional offering**: Principles of Nutrition DE+ ONLINE
Information Technology	Coding	1. Computer Science Foundations **or** Computer Science Principles AP+ 2. Coding I 3. Coding II Honors 4. Computer Science A AP+
Law, Public Safety, Corrections, & Security	Criminal Justice & Correction Services	1. Criminal Justice I 2. Criminal Justice II 3. Criminal Justice III 4. *Introduction to Criminal Justice DE+ ONLINE **&** *Introduction to Policing DE+ ONLINE
Marketing, Distribution, & Logistics	Marketing	1. Intro to Business & Marketing 2. Marketing & Management I 3. Social Media & Analytics 4. Introduction to Entrepreneurship DE+
STEM	Advanced STEM Applications	1. STEM I: Foundation Honors+^ 2. STEM II: Applications Honors 3. STEM III: STEM in Context Honors+^ 4. *STEM IV: Prep for Engr Prob Solving DE+ **&** STEM IV: *Engineering Problem Solving DE+

*0.5 credit course +EPSO **&** Must take both courses ^Industry Certification

Juniors and seniors can apply for a Work-Based Learning Career Practicum after completion of at least <u>two</u> course offerings in a program.

Advanced Manufacturing Career Cluster: Mechatronics

Level 1: Principles of Manufacturing- *EPSO & IC*

Principles of Manufacturing is designed to provide students with exposure to various occupations and pathways in the Advanced Manufacturing career cluster, such as Machining Technology, Electromechanical Technology, Mechatronics, and Welding. To gain a holistic view of the advanced manufacturing industry, students will complete all core standards, as well as standards in two focus areas. Throughout the course, they will develop an understanding of the general steps involved in the manufacturing process and master the essential skills to be an effective team member in a manufacturing production setting. Course content covers basic quality principles and processes, blueprints and schematics, and systems. Upon completion of this course, proficient students will advance from this course with a nuanced understanding of how manufacturing combines design and engineering, materials science, process technology, and quality. Upon completion of the Principles of Manufacturing course, students will be prepared to make an informed decision regarding which Advanced Manufacturing program of study to pursue. This course includes the opportunity to earn the NC3 Snap-on Precision Measurement Instruments Certification.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None; associated cost of materials	

Level 2: Digital Electronics

Digital Electronics is a new course from the state that replaces Robotics & Automated Systems and serves as the Level II course in the Mechatronics program. The course is intended to provide students with an introduction to the basic components of digital electronic systems and equip them with the ability to use these components to design more complex digital systems. Students will experience instruction in the description of the basic functions of digital components (including gates, flip flops, counters, and other devices upon which larger systems are designed); the use of these devices as building blocks to design larger, more complex circuits; the implementation these circuits using programmable devices; and the effective communication of designs and systems.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Principles of Manufacturing; associated cost of materials	

Work-Based Learning (WBL): Mechatronics Career Practicum

Work-Based Learning (WBL): Mechatronics Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing, and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Mechatronics courses; Completion of application and approval for final enrollment; Link to application	

Level 3: Mech I DE: Electrical Components- *EPSO*

Mechatronics I DE: Electrical Components is the first of two applied courses in the manufacturing cluster for students interested in careers as mechatronics technicians, maintenance technicians, electromechanical technicians, or manufacturing engineers. This course covers basic electrical components of mechatronic systems and their integration with instrument controls and embedded software. Students will learn to describe and explain physical properties and electrical components, trace the flow of energy in a mechatronic system, and use technical documentation—such as schematics, timing diagrams, and system specifications—to troubleshoot equipment issues. They will also develop strategies to identify and correct malfunctioning components. Students are responsible for per-semester tuition and textbook fees. SWCC Course: MECH 1310

Credits: .5	Grade Level: 11-12

Prerequisite: Completion of Digital Electronics; Admission to SWCC; Memo of understanding; DE agreement; Tuition and materials fees

Level 3: Mech II DE: Fluid Power- *EPSO*

Mechatronics II DE: Fluid Power builds on Mechatronics I, focusing on pneumatic, electro-pneumatic, and hydraulic control circuits in mechatronic systems. Students will explain the interrelationships of system components, differentiate between hydraulic and pneumatic fluid power, and apply scientific principles to their operation. They will also interpret technical documentation—including datasheets, circuit diagrams, and function charts—to diagnose and resolve system malfunctions. As with Mechatronics I, students are responsible for per-semester tuition and textbook fees. This Dual Enrollment course through Southwest Tennessee Community College is scheduled with MECH 1310 as a companion course to complete the sequence. SWCC Course: MECH 1330

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Mech I DE: Electrical Components; Admission to SWCC; Memo of understanding; DE agreement; Tuition and materials fees	

Level 4: Mech III DE: Mechanical Components- *EPSO*

Mechatronics III DE: Mechanical Components is an advanced course in the manufacturing career cluster for students interested in careers as mechatronics technicians, maintenance technicians, or electromechanical technicians. Building on the foundations of Mechatronics I and II, this course focuses on mechanical positioning, predictive maintenance, and the role of mechanical components in complex mechatronic systems. Students will expand their knowledge of DC and AC electrical circuits, digital electronics, and motor controls while continuing to refine their troubleshooting skills. They will also learn to interpret technical documentation, such as circuit diagrams, displacement step diagrams, and function charts, to diagnose and correct system malfunctions. Students are responsible for per-semester tuition and textbook fees. SWCC Course: MECH 1320

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Mech I DE & Mech II DE; Admission to SWCC; Memo of understanding; DE agreement; Tuition and materials fees	

Level 4: Mech IV DE: PLC Programming- *EPSO*

Mechatronics IV DE: PLC Programming is the final course in the Mechatronics sequence, focusing on programmable logic controllers (PLCs) and advanced automation systems. Students will explore digital logic, PLC programming, and their applications in mechanical, electronic, and control systems. They will develop skills in writing, debugging, and running ladder logic programs while analyzing the interrelationships of components in a mechatronic system. Students will also use industry-standard documentation, such as timing diagrams and function charts, to troubleshoot and optimize PLC-controlled systems. Those who complete all four Mechatronics courses will have the opportunity to earn industry-recognized certifications. As with Mechatronics III, students are responsible for per-semester tuition and textbook fees. This Dual Enrollment course through Southwest Tennessee Community College is scheduled with MECH 1320 as a companion course to complete the sequence. SWCC Course: MECH 1340

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Mech III DE: Mechanical Components; Admission to SWCC; Memo of understanding; DE agreement; Tuition and materials fees	

Agriculture, Food, & Natural Resources Career Cluster: Horticulture Science

Level 1: Agriscience- *IC*

Agriscience is an introductory laboratory science course that prepares students for subsequent science and agriculture courses, and post-secondary study. This course helps students understand the important role that agriculture science and technology serve in the 21st century. Additionally, Agriscience students complete an OSHA-10 General Industry

certification training. Earning this certification does NOT equate to earning an EPSO under the new CCR distinction. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. Participation in the National FFA organization is preferred.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None; associated cost of materials	

IC

Level 2: Principles of Plant Sci & Hydroculture- *EPSO & IC*

Principles of Plant Science and Hydroculture focuses on essential knowledge and skills related to the science of plant growth. This course covers principles of plant health, growth, reproduction, and biotechnology, as well as fundamental principles of hydroponics and aquaponics. As part of course content and requirements, students will prepare and sit for the BASF Plant Science certification. Upon completion of this course, proficient students will be prepared for more advanced coursework in horticulture science.

Credits: 1.0	Grade Level: 10
Prerequisite: Completion of Agriscience; associated cost of materials	

EPSO IC

Level 3: Greenhouse Management

As populations continue to expand, the importance of food production in a climate-controlled environment increases. Today's agriculture students are preparing to meet the needs of an ever-evolving world. Greenhouse Management is designed to prepare a student to manage greenhouse operation. Students in this class will learn to produce various ornamental crops and food crops. An understanding of structures, crop selection, and growing systems will be explored. Students grow and care for plants in the greenhouse on the school campus. Participation in the National FFA organization is preferred.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Agriscience and Principles of Plant Sci & Hydroculture; associated cost of materials	

Level 4: Landscaping & Turf Science

Landscaping and Turf Science includes standards to prepare students for creating beautiful environments for homes and businesses. This study includes site analysis and preparation, landscape drawing, plant selection, and installation. Maintenance of healthy attractive landscapes and turf areas will be emphasized. With the increase of urban sprawl, these career opportunities are increasing daily. Plant science and leadership skills taught in this class will prepare students to meet the demands of this exciting industry. Participation in the National FFA organization is preferred.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of or concurrent enrollment in Greenhouse Management; associated cost of materials	

Work-Based Learning (WBL): Horticulture Science Career Practicum

Work-Based Learning (WBL): Horticulture Science Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Horticulture courses; Completion of application and approval for final enrollment; Link to application; Teacher Recommendation	

Arts, Audio/Visual Technology, & Communications Career Cluster: Audio/Visual Production

Level 1: Audio/Visual Production I

Audio/Visual Production I is a foundational course in the Arts, A/V Technology, & Communications cluster for students interested in A/V (audio/visual) production occupations. Upon completion of this course, proficient students will be able to explain and complete the phases of the production process including pre-production, production, and post-production. Students will establish basic skills in operating cameras, basic audio equipment, and other production equipment. Standards in this course include career exploration, an overview of the history and evolution of A/V production, and legal issues affecting A/V production. In addition, students will begin compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None; associated cost of materials	

Level 2: Audio/Visual Production II- *EPSO & IC*

Audio/Visual Production II is the second course in the A/V Production program of study intended to prepare students for careers in audio/visual production. Building on knowledge acquired in Audio/Visual Production I, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on the research and technical writing involved in planning productions. Upon completion of this course, proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, both individually and through collaboration in teams. In addition to more robust career preparation, standards in this course include an investigation of concerns affecting A/V production businesses, such as ethical and legal issues, technology, funding, and the organization of professional roles in various industries. Students will continue compiling artifacts for inclusion in their portfolios, which they will carry with them throughout the full sequence of courses in this program of study. Students will work to achieve the Adobe Premier Pro industry certification.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Audio/Visual Production I; associated cost of materials	

Work-Based Learning (WBL): Audio/Visual Production Career Practicum

Work-Based Learning (WBL): Audio/Visual Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing, and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of two Audio/Visual courses; Completion of application and approval for final enrollment; Link to application; Teacher Recommendation	

Level 3: TV & Video Production Lab DE- *EPSO*

TV & Video Production Lab DE is designed for the more serious-minded, production-oriented media arts student. The morning announcements are produced daily through the upper division A/V courses. This class offers a laboratory setting that allows students to further explore the art of digital filmmaking. Advanced students will have an opportunity to write, produce and direct a short series of video productions as time permits, as an on-going productive part of study. This class will require after-school hours and may require that students arrive early to school to produce the school's daily broadcast. Students enrolled in this course must be able to work without direct supervision of the instructor, must be detail-oriented, and be able to work well with others.
Students are responsible for a per semester tuition cost and a fee for textbooks and materials. If there are questions about credit transfer, students should inquire with the universities/colleges of their choice. COMM 2020 & JRSM 1700 are companion courses; it is required for students to take both. UofM Course: COMM 2020

Credits: 1.0	Grade Level: 11-12

Prerequisite: Completion of Audio/Visual Production I & II; Teacher Recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees
Special Note: Students must enroll in Introduction to Media DE in the spring.

Level 4: Introduction to Media DE- *EPSO*

Introduction to Media is a new Audio/Visual Production course that pairs with our current TV & Video Production Lab DE course. Students will explore the background, scope, functions, and organization of contemporary communication media. Each major mass communication media is explored with focus on the history, philosophy, and goals of contemporary media, as well as the impact on the governmental, social, and economic impact of each. JRSM 1700 & COMM 2020 are companion courses; it is required for students to take both. UofM Course: JRSM 1700

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of TV & Video Production Lab DE; Teacher Recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Arts, Audio/Visual Technology, & Communications Career Cluster: Digital Arts & Design

Level 1: Digital Arts & Design I

Digital Arts & Design I is a foundational course in the Arts, A/V Technology, & Communications CTE cluster for students interested in art and design professions and which additionally satisfies the Fine Arts credit graduation requirement. The primary aim of this course is to build a strong understanding of the principles and elements of design and the design process. Upon completion of this course, proficient students will be able to utilize industry tools to conceptualize and create communications solutions which effectively reach targeted audiences. Students will acquire basic skills in illustration, typography, and photography. Standards in this course include career exploration, an overview of the history of design, basic business management, and legal issues. In addition, students will begin compiling artifacts for inclusion in a digital portfolio.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None; associated cost of materials	

Level 2: Digital Arts & Design II

Digital Arts & Design II is a course that builds on the basic principles and design process learned in the introductory Digital Arts & Design I course. Upon completion of this course, proficient students will be able to perform advanced software operations to create photographs and illustrations of increasing complexity. Students will employ design principles and use industry software to create layouts for a variety of applications. Standards in this course also include an overview of art and design industries, career exploration, and business management. In addition, students will continue compiling artifacts for inclusion in a digital portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Digital Arts & Design I; associated cost of materials	

Level 3: Digital Arts & Design III- *EPSO & IC*

Digital Arts & Design III is the third course in the Digital Arts & Design program of study. Applying design skills developed in prior courses, students will expand their creative and critical thinking skills to create comprehensive multimedia projects and three-dimensional designs. Upon completion of this course, proficient students will be able to use industry-standard software to create multimedia projects, web pages, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project outcomes. Standards in this course also include professionalism and ethics, career exploration, and business and project management. In addition,

students will continue compiling artifacts for inclusion in a portfolio, which they will carry with them throughout the full sequence of courses in this program of study. Students will work to achieve the Adobe Photoshop industry certification.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Digital Arts & Design II; associated cost of materials	



Work-Based Learning (WBL): Digital Arts & Design Career Practicum

Work-Based Learning (WBL): Digital Arts & Design Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination. There will also be an opportunity for students to work in HHS's print shop, Stang Studio.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Digital Arts & Design courses; Completion of application and approval for final enrollment; Link to application; Teacher Recommendation	

Health Science Career Cluster: Therapeutic Services

Level 1: Health Science Education

Health Science Education is an introduction to broad standards that serve as a foundation for students interested in occupations in health care. Academic units included are health care career clusters, medical terminology, safety practices, communication systems, legal responsibilities, medical ethics, patient diversity, HOSA, first aid, CPR, and basic clinical skills.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None, lab fee for associated equipment	

Level 2: Anatomy & Physiology: Health Sciences

Anatomy & Physiology for the Health Sciences a specialized course only available to students whose Area of Focus is in the Health Sciences. The course is designed to develop an understanding of the structures and functions of the human body, while relating those to knowledge and skills associated with pathophysiology. Upon completion of this course, proficient students will be able to apply the gross anatomy from earlier courses to a deeper understanding of all body systems, identify the organs and structures of the support and movement systems, relate the structure and function of the communication, control, and integration system, and demonstrate a professional, working understanding of the transportation, respiration, excretory, and reproduction systems.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Health Science Education; lab fee for associated equipment	

Level 3: Medical Therapeutics- *IC*

Medical Therapeutics is an applied course 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. Additionally, Medical Therapeutics students complete an OSHA-10 General Industry certification training. Earning this certification does NOT equate to earning an EPSO under the new CCR distinction.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of or concurrent enrollment in an Anatomy & Physiology Course (Health Sciences, Human, or Dual Enrollment); lab fee for associated equipment	

IC

Level 4: Clinical Intern Therapeutics- *EPSO & IC*

Clinical Intern Therapeutics is a level 4 course designed to prepare students to pursue careers in health sciences through practical application of prior learning in a professional setting. Upon completion of this course, a proficient student will be able to implement communication and interpersonal skills, provide care safely, prevent emergency situations, prevent infection through infection control, and perform the skills required of a medical assistant. At the conclusion of this course and appropriate clinicals, students may sit for the Certified Clinical Medical Assistant (CCMA) exam. Final placement in Clinical Intern Therapeutics will be determined through approval process completed prior to the end of the previous school year. Information will be shared with all requesting students.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of or concurrent enrollment in an Anatomy & Physiology Course (Health Sciences, Human, or Dual Enrollment); Completion of application and approval for final enrollment; Link to application; lab fee for associated equipment	

EPSO IC

Additional offering: Sport Medical Terminology DE ONLINE – *EPSO*

Sport Medical Terminology DE ONLINE Foundations of medical language with specific emphasis on terminology and nomenclature for health and sport science. The course also provides an overview of career options in the broad field of health studies, with a focus on pathways for students majoring in dietetics and nutrition, exercise science, health science, healthcare leadership, physical education, and related areas. Weekly presentations are provided by professionals working in allied health sciences.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Anatomy & Physiology: Heath Sciences; admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	
Dual Enrollment Credit: Upon successful completion of the course, 3 hours of college credit (HMSE 2000, 2 hrs & HMSE 2007, 1 hr) will be awarded by the University of Memphis.	

EPSO

***Sport Medical Terminology DE ONLINE includes online instruction from faculty at the University of Memphis. The course is not a self-paced, asynchronous course, and students are required to meet expectations for performance and reach pacing milestones set forth by UofM and HHS.*

Work-Based Learning (WBL): Therapeutic Services Career Practicum

Work-Based Learning (WBL): Therapeutic Services Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Therapeutic Services courses; Completion of application and approval for final enrollment; Link to application; Teacher Recommendation	

Information Technology Career Cluster: Coding

Level 1: Computer Science Foundations

Computer Science Foundations is an introductory course designed to give students a broad understanding of how computers, data, and technology work and how they impact the world around us. Students explore core concepts such as computational thinking, including breaking problems into steps, recognizing patterns, and designing solutions; data and information, with an emphasis on how data is collected, stored, analyzed, and used to make decisions; algorithms and programming basics, focusing on how instructions are created and executed; and computer systems and networks, examining how hardware, software, and the internet work together. The course also addresses

cybersecurity and privacy by helping students understand how to protect data and act responsibly in digital spaces, as well as the ethical and social impacts of computing on society, culture, and everyday life. Through hands-on activities, discussions, and real-world examples, students learn how computer science connects to careers, current events, and their own digital lives. No prior coding experience is required, and the course emphasizes building confidence, curiosity, and strong problem-solving skills. **This course serves to fulfill the Computer Science graduation requirement.*

Credits: 1.0	Grade Level: 9-12
Prerequisite: None; associated cost of materials	

Level 1: Computer Science Principles AP- *EPSO*

Computer Science Principles AP is an introductory, college-level course developed by the College Board. It introduces students to foundational computer science concepts and explores the role of computing in society. The course emphasizes computational thinking, problem-solving, and creativity, and is accessible to students with no prior experience. Students learn to analyze problems, design algorithms, and create programs while studying how data is collected, stored, and used. The course also covers how the internet works and the social impact of computing innovations, including ethical issues such as privacy, security, bias, and digital equity. As part of the College Board requirements, students complete AP Performance Tasks, including the Create Performance Task, which contributes to their AP Exam score. Students who take the AP CSP Exam in May may earn college credit or advanced placement, depending on individual college and university policies. **This course serves to fulfill the Computer Science graduation requirement.*

Credits: 1.0	Grade Level: 9-12
Prerequisite: Completion of Algebra I; memo of understanding; AP exam fee; completion of AP exam	

Level 2: Coding I

Coding I introduces students to the basics of programming, logical problem-solving, and software development. Students develop computational thinking skills, learn to plan, write, test, debug, and revise code, and gain a foundation for more advanced programming courses. ******This course serves to fulfill the Computer Science graduation requirement.*

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Computer Science Foundations or Computer Science Principles AP; associated cost of materials	

Level 3: Coding II Honors

Coding II Honors builds on the skills from Computer Science Foundations and Coding I. It challenges students to develop advanced programming skills, analyze problems more deeply, and design and implement algorithms in real coding environments. The course emphasizes larger projects, careful planning, and efficient, error-free code. **This course serves to fulfill the Computer Science graduation requirement.*

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Computer Science Foundations or Computer Science Principles AP; Completion of Coding I; associated cost of materials	

Computer Science A AP- *EPSO*

Computer Science A AP is an advanced course in computer programming. This course emphasizes object-oriented programming methodology with a concentration on problem solving and algorithm development and is meant to be the equivalent of a first-semester college-level course in computer science. It also includes the study of data structures, design, and abstraction. This course uses the programming language Java. A final qualifying examination

is required, and all students enrolled in the course must pay the fee for this examination. Earning a qualifying score on the Advanced Placement exam may earn the student college credit.

**This course serves to fulfill the Computer Science graduation requirement.*

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Algebra II; completion of Coding II or Computer Science Principles AP; AP exam fee; completion of AP exam	

Work-Based Learning (WBL): Coding Career Practicum

Work-Based Learning (WBL): Coding Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Coding courses; Completion of application and approval for final enrollment; Link to application; Teacher recommendation	

Additional offering: AI for ALL

Level 1: Artificial Intelligence Literacy DE ONLINE

Artificial intelligence is transforming industries worldwide—from business and healthcare to the arts and engineering. Launched in Fall 2025, the AI for All Minor is designed for students from all majors, equipping them with the skills and knowledge needed to integrate AI into their field of study and future careers. This course has no prerequisites and is open to all students. It serves as the first of two foundational courses required to continue in the minor.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	
Dual Enrollment Credit: Upon successful completion of the course, 3 hours of college credit (AIFA 1000) will be awarded by the University of Memphis.	

***Artificial Intelligence Literacy DE includes online instruction from faculty at the University of Memphis. The course is not a self-paced, asynchronous course, and students are required to meet expectations for performance and reach pacing milestones set forth by UofM and HHS.*

Level 2: Artificial Intelligence Skills and Techniques DE ONLINE

Artificial Intelligence Skills and Techniques builds on foundational concepts by providing students with hands-on experience using essential AI tools and methods. Designed for students from all majors, the course emphasizes practical application of AI to real-world problems across fields of study and career pathways. This course serves as the second foundational requirement for the AI for All Minor.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Artificial Intelligence Literacy; admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	
Dual Enrollment Credit: Upon successful completion of the course, 3 hours of college credit (AIFA 2010) will be awarded by the University of Memphis.	

***Artificial Intelligence Skills and Techniques DE includes online instruction from faculty at the University of Memphis. The course is not a self-paced, asynchronous course, and students are required to meet expectations for performance and reach pacing milestones set forth by UofM and HHS.*

STEM Career Cluster: Advanced STEM Applications

Level 1: STEM I: Foundations Honors - *EPSO & IC*

STEM I: Foundations Honors is an introductory course in the STEM cluster for students interested in learning more about careers in science, technology, engineering and mathematics. This engineering-based course covers basic skills required for STEM fields of study. Upon completion of this course, proficient students can identify and explain the steps in both the engineering design and the scientific inquiry processes. They conduct research to develop meaningful questions, define simple problem scenarios and scientific investigations, develop fundamental design solutions, conduct basic mathematical modeling and data analysis, and effectively communicate solutions and scientific explanations to others. This course includes the opportunity to earn the NC3 Snap-on Precision Measurement Instruments Certification.

Credits: 1.0	Grade Level: 9-10
Prerequisite: Completion of or concurrent enrollment in Algebra I; memo of understanding; associated cost of materials	

EPSO IC

Level 2: STEM II: Applications Honors

STEM II: Applications Honors is a project-based learning experience for students who wish to further explore the dynamic range of STEM fields introduced in STEM I: Foundations Honors. Building on the content and critical thinking frameworks of STEM I, this course asks students to apply the scientific inquiry and engineering design processes to a course-long project selected by the instructor with the help of student input. Instructors design a project in one of two broad pathways (traditional sciences or engineering) that reflects the interest of the class as a whole; the students then apply the steps of the scientific inquiry or the engineering design process throughout the course to ask questions, test hypotheses, model solutions, and communicate results. In some cases, instructors may be able to design hybrid projects that employ elements of both the scientific inquiry and the engineering design process. Upon completion of this course, proficient students will have a thorough understanding of how scientists and engineers research problems and methodically apply STEM knowledge and skills; and they will be able to present and defend a scientific explanation and/or an engineering design solution to comprehensive STEM-related scenarios.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of STEM I: Foundation Honors and Algebra I; memo of understanding; associated cost of materials	

Level 3: STEM III: STEM in Context Honors- *EPSO & IC*

STEM III: STEM in Context Honors (previously STEM III) is an applied course in the STEM career cluster which allows students to solve engineering problems and to apply knowledge and skills to a team project. This course builds introductory engineering skills by applying mathematical and scientific modeling techniques to solve a problem or answer a scientific question drawn from real-world scenarios within their schools or communities. Upon completion of this course, proficient students will be able to effectively use skills such as project management, team communication, leadership, and decision-making. They will also be able to effectively use mathematical modeling and scientific thinking to predict the viability of engineering solutions. Successful completion of the course will culminate in the completions of the Certified SolidWorks Associate credentialing exam (CSWA).

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Geometry and STEM II: Applications Honors; completion of concurrent enrollment Algebra II; memo of understanding; completion of CSWA exam; associated cost of materials	

EPSO IC

Work-Based Learning (WBL): Advanced STEM Applications Career Practicum

Work-Based Learning (WBL): Advanced STEM Applications Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships,

students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two STEM courses; Completion of application and approval for final enrollment; Link to application; Teacher Recommendation	

Level 4: STEM IV: Preparation for Engineering Problem Solving DE- *EPSO*

STEM IV: Preparation for Engineering Problem Solving DE supports students in the transition to the math application necessary for success in engineering study. Students will study applications of Algebra and Trigonometry to engineering problems in an accelerated environment in preparation for post-secondary study of engineering or technology. This is a companion course to Engineering Problem Solving DE: ENGR 1010 to complete the course sequence. UofM Course: ENGR 1009

Credits: .5	Grade Level: 12
Prerequisite: Completion of STEM III: STEM in Context Honors; completion of Pre-Calculus or ACT Math score of 24+; concurrent enrollment is any Physics course; teacher recommendation; admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Level 4: STEM IV: Engineering Problem Solving DE- *EPSO*

STEM IV: Engineering Problem Solving DE is the second semester course designed to support students in the transition to the math application necessary for success in engineering study. Introduction to the methods of engineering problem solving. Application of mathematical concepts to solve engineering problems. This is a companion course to Preparation for Engineering Problem Solving DE: ENGR 1009 to complete the course sequence. UofM Course: ENGR 1010

Credits: .5	Grade Level: 12
Prerequisite: Completion of STEM IV: Preparation for Engineering Problem Solving DE; Completion of Pre-Calculus or ACT Math score of 24+; Concurrent enrollment is any Physics course; Teacher recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Business Management & Administration Career Cluster: Business Management

Level 1: Intro to Business & Marketing

Introduction to Business & Marketing is designed to provide students with the basic understanding needed for intelligent interpretation of the needs of consumers for goods and services. Course content involves money and banking, budgeting, saving, credit, insurance, investments, transportation and communication facilities, role of government, management, labor and unions.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None	

Level 2: Business Communication

Business Communication is a course that prepares students for oral and electronic business communications in the 21st century including social media as well as developing skills in electronic publishing, design, layout, composition, and video conferences. Emphasis will be placed on social media, design and digital communications. Students will review and practice successful styles and methods for professional business communications using the proper tools to deliver effective publications and presentations.

Credits: 1.0	Grade Level: 10-12

Prerequisite: Completion of Intro to Business & Marketing

Level 3: Business Management

Business Management, formerly called SDC Introduction to Business, offers students an in-depth focus on workforce & ethics, managing finances, creating demand in & responding to competition in the market, development & delivery of products & services, and working in business.

Credits: 1.0	Grade Level: 10-12
Prerequisite: Completion of Business Communication; Completion of English 9	

Work-Based Learning (WBL): Business Management and Administration Career Practicum

Work-Based Learning (WBL): Business Management and Administration Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination. There will also be an opportunity for students to work in HHS's print shop, Stang Studio.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Business Management courses; Completion of application and approval for final enrollment; Link to application; Teacher recommendation	

Level 4: Introduction to Entrepreneurship DE- *EPSO*

Entrepreneurship DE for the Business Management program introduces students to the principles and practices of starting and managing a business through hands-on, real-world application. Students will work in Stang Studios to develop a complete business plan, including identifying products or services, selecting and budgeting for supplies, analyzing costs, setting prices, and evaluating profit and sustainability. The course emphasizes financial literacy, problem-solving, collaboration, and entrepreneurial thinking as students make data-driven decisions and respond to real market considerations. Through project-based learning, students gain practical experience in planning, operating, and evaluating a business while earning dual enrollment credit. UofM Course: UNIV 2555

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Business Management courses; Teacher Recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Marketing, Distribution, & Logistics Career Cluster: Marketing

Level 1: Intro to Business & Marketing

Introduction to Business & Marketing is designed to provide students with the basic understanding needed for intelligent interpretation of the needs of consumers for goods and services. Course content involves money and banking, budgeting, saving, credit, insurance, investments, transportation and communication facilities, role of government, management, labor and unions.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None	

Level 2: Marketing & Management I

Marketing and Management I focuses on the study of marketing concepts and their practical applications. Students will examine the risks and challenges that marketers face to establish a competitive edge in the sale of products and services. Topics covered include foundational marketing functions such as promotion, distribution, and selling, as well as coverage of economics fundamentals, international marketing, and career development. Upon completion of this

course, proficient students will understand the economic principles, the marketing mix, and product development and selling strategies. All students are encouraged to join DECA, an association for marketing students. DECA is a co-curricular activity offering students opportunities to develop leadership skills. Members are eligible to participate in conferences and competitive events at the local, state, and national level.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Intro to Business & Marketing	

Level 3: Social Media & Analytics

Social Media & Analytics is an applied course focused on promoting products, services, ideas, and events through digital and social media platforms. Students will build skills in content creation, branding, and audience engagement while exploring consumer behavior in the online space. By the end of the course, students will demonstrate their knowledge by creating a professional electronic portfolio showcasing their social media marketing projects.

Credits: 1.0	Grade Level: 10-12
Prerequisite: Completion of or Concurrent enrollment in Marketing & Management I	

Work-Based Learning (WBL): Marketing Management Career Practicum

Work-Based Learning (WBL): Marketing Management Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing, and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination. There will also be an opportunity for students to work in HHS's print shop, Stang Studio.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Marketing courses; Completion of application and approval for final enrollment; Link to application; Teacher recommendation	

Level 4: Introduction to Entrepreneurship DE- *EPSO*

Entrepreneurship DE for the Marketing program introduces students to the principles and strategies used to promote products, services, and brands in real-world settings. Students will work in Stang Studios to develop and implement a comprehensive marketing plan, focusing on target audiences, branding, pricing, promotion, and distribution. Through hands-on projects, students analyze market research, consumer behavior, and data to evaluate the effectiveness of marketing strategies and make informed decisions. The course emphasizes creativity, collaboration, and strategic thinking while providing practical experience aligned to industry practices and dual enrollment expectations. UofM Course: UNIV 2555

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Marketing courses; Teacher Recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Human Service Career Cluster: Human & Social Sciences

Level 1: Introduction to Human Studies

Introduction to Human Studies is a foundational course for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, or community volunteer, as well as many other careers. This course covers the history of counseling, career investigation, stress management, mental illness, communication, and the counseling process. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. Students who complete this course should understand soft and hard skills required for careers in the Human Service field. The estimated cost of supplies is $25.00.

Credits: 1.0	Grade Level: 9-10

Prerequisite: None; lab fee required

Level 2: Lifespan Development

Lifespan Development builds basic knowledge in human growth and development. The course standards include developmental theory, principles of growth, behavior of children from conception through adolescence, adult development and aging, and death and dying. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. Students who complete this course should understand human development throughout the lifespan, which will prepare them for a career in the Human Service field.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Introduction to Human Studies; lab fee required	

Work-Based Learning: Human and Social Sciences Career Practicum

Work-Based Learning (WBL): Human and Social Sciences Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Human & Social Sciences courses; Completion of application and approval for final enrollment; Link to application; Teacher recommendation	

Level 3: Family & Global Perspectives DE- *EPSO*

Family and Global Perspective DE course introduces the family as a primary, global, and social institution. Analysis of sociological and anthropological contributions will aid in understanding how and why family systems vary worldwide as well as common familial bonds and problems facing families in modern societies. CDFS 2101 & UNIV 4530 are companion courses and are scheduled together to complete the course sequence. UofM Course: CDFS 2101

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Lifespan Development; Teacher recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Level 3: Family Resource Management DE- *EPSO*

Family Resource Management DE completes a now semester long study of family life. As a companion to Family & Global Perspectives DE, this course investigates the values, goals, and resources necessary for individuals and families to make informed management decisions throughout the lifespan. UNIV 4530 & CDFS 2101 are companion courses and are scheduled together to complete the course sequence. UofM Course: UNIV 4530

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Family & Global Perspectives DE; Teacher recommendation; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

Addition offering: Principles of Nutrition DE ONLINE- *EPSO*

Principles of Nutrition DE ONLINE provides an introduction to the scientific principles of human nutrition and their application to personal health and wellness. Students examine the role of nutrition in growth, development, and disease prevention, with emphasis on the function, food sources, recommended intake, and assimilation of each of the six nutrient classes. Additional topics include energy balance, dietary guidelines, food choices, and the relationship between nutrition and chronic health conditions. UofM Course: NUTR 2202

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Lifespan Development; admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	
Dual Enrollment Credit: Upon successful completion of the course, 3 hours of college credit (NUTR 2202) will be awarded by the University of Memphis.	

***Principles of Nutrition DE ONLINE includes online instruction from faculty at the University of Memphis. The course is not a self-paced, asynchronous course, and students are required to meet expectations for performance and reach pacing milestones set forth by UofM and HHS.*

Hospitality and Tourism Career Cluster: Culinary Arts

Level 1: Culinary Arts I

Culinary Arts I equips students with the foundational knowledge and skills to pursue careers in the culinary field as competent entry-level quick service and fast-food employees. Throughout the course, students will gain experience in commercial food production and service operations, while preparing for further training in the culinary arts program of study at the secondary and post-secondary levels. Upon completion of this course, proficient students will know the components of commercial kitchen safety and sanitation, history of the foodservice industry, hospitality careers, nutritional concepts, recipe basics, proper kitchen tools and equipment, and kitchen staples. Students will create artifacts to include in a portfolio that they will maintain throughout the course sequence.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None; lab fee required	

Level 2: Culinary Arts II

Culinary Arts II builds on the foundational skills from Culinary Arts I, providing students with hands-on experience in commercial food production and service operations while preparing them for future culinary training and entry-level careers such as prep cook, line cook, or catering assistant. Students will learn advanced kitchen safety and sanitation practices, menu planning, food presentation, purchasing and inventory procedures, and essential cooking principles. A minimum of 30 recommended hours in a commercial kitchen laboratory will support real-world application, and students will continue developing their professional portfolio to demonstrate skill growth throughout the program. Included within course content will be preparation and seating for the ServSafe Food Handler industry certification which is necessary for advancement to Culinary III next year.

Credits: 1.0	Grade Level: 10-12
Prerequisite: Completion of Culinary Arts I; lab fee required	

Culinary Arts III will be added next year.

IC

Law, Public Safety, Corrections, & Security Career Cluster: Criminal Justice & Correction Services

Level 1: Criminal Justice I

Criminal Justice I is the first level of study of criminal justice careers. It will prepare students for work-related knowledge and skills for advancement into the second level of criminal justice careers. Course content focuses on areas comprised of the three components of the criminal justice system: the police, courts, and corrections. The course is an overview of the criminal justice system and builds a better understanding of the development of laws and history on the state and federal levels. New technology and career opportunities in are an integral part of the content.

Credits: 1.0	Grade Level: 9-10
Prerequisite: None	

Level 2: Criminal Justice II

Criminal Justice II will offer an in-depth study of criminal justice careers in which current issues in the profession will be discussed and debated. Local, state, federal, and international laws will be analyzed. Subject matter will include a comparison of criminal justice careers in the United States with other countries. Students will have opportunities to

participate in mock trials and field trips with criminal justice careers being the emphasis. Course content will introduce new technology, effects of forensic analysis, and career opportunities as well as information for planning, managing, and providing judicial, criminal justices.

Credits: 1.0	Grade Level: 10-11
Prerequisite: Completion of Criminal Justice I	

Level 3: Criminal Justice III

Criminal Justice III focuses on forensic criminal investigations to equip students with the knowledge and skills to be successful in the sciences of criminal investigations. Students will learn terminology and investigation skills related to the crime scene, aspects of criminal behavior, and applications of the scientific inquiry to solve crimes. By utilizing the scientific inquiry method, students will obtain and analyze evidence through simulated crime scenes and evaluation of case studies.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of Criminal Justice II	

Work-Based Learning (WBL): Criminal Justice and Correction Services Career Practicum

Work-Based Learning (WBL): Criminal Justice and Correction Services Career Practicum allows students to apply academic, technical, and employability skills in real-world settings. Through employment, job shadowing and/or internships, students explore career pathways while developing essential soft skills. This flexible course supports all students through in-class meetings twice weekly for documentation, industry interviews, or job shadowing coordination.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two Criminal Justice courses; Completion of application and approval for final enrollment; Link to application; Teacher recommendation	

Level 4: Introduction to Criminal Justice DE ONLINE- *EPSO*

Introduction to Criminal Justice DE offers an introduction to the American criminal justice system in three dimensions: police, courts, and corrections. Students will learn about criminological theories, the criminal justice system, including the court system and laws, all facets of law enforcement, and the department of corrections. Students will gain a deep understanding and history of criminal justice in the United States. CJUS 1100 & CJUS 2226 are companion courses and are scheduled together to complete the course sequence. UofM Course: CJUS 1100

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Criminal Justice II or III; Teacher recommendation; Memo of understanding; Admission to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees	

***Introduction to Criminal Justice DE ONLINE includes online instruction from faculty at the University of Memphis. The course is not a self-paced, asynchronous course, and students are required to meet expectations for performance and reach pacing milestones set forth by UofM and HHS.*

Level 4: Introduction to Policing DE ONLINE- *EPSO*

Introduction to Policing DE continues the introduction to the criminal justice system with a deeper focus on law enforcement emphasizing the functions, operations, and practical realities of crime control in the American society as well as the varied career opportunities within the realm of criminal justice. CJUS 2226 & CJUS 1100 are companion courses and are scheduled together to complete the course sequence. UofM Course: CJUS 2226

Credits: .5	Grade Level: 11-12
Prerequisite: Completion of Introduction to Criminal Justice DE; Teacher recommendation; Memo of understanding; Admission	

to UofM; ACT composite 19+; 100 admissions index score; DE agreement; Tuition and materials fees

***Introduction to Policing DE ONLINE includes online instruction from faculty at the University of Memphis. The course is not a self-paced, asynchronous course, and students are required to meet expectations for performance and reach pacing milestones set forth by UofM and HHS.*

Work-Based Learning: General Career Practicum

Work-Based Learning: Career Practicum provides students with meaningful, hands-on experience that connects classroom learning to real-world employment. Designed for students who are currently employed at least 7–8 hours per week, this course emphasizes the application of academic knowledge, technical skills, and professional behaviors in an authentic work setting.

At the core of Work-Based Learning is the development of essential employability skills—such as communication, responsibility, teamwork, time management, and problem-solving—that employers consistently identify as critical to workplace success. Through guided reflection and teacher support, students gain a deeper understanding of how their work experiences align with future career goals and pathways.

This option provides flexibility for students who may not meet postsecondary admissions requirements or who are better served by a career-focused, experiential learning model. By bridging school and work, Work-Based Learning supports students in building job readiness, career awareness, and a strong foundation for life after high school.

Credits: 1.0	Grade Level: 11-12
Prerequisite: Completion of at least two (2) supporting courses in the aligned program of study; Completion of application and approval for final enrollment; Link to application	

Work-Based Learning Focus Areas			
Audio/Visual	Business	Coding	Criminal Justice
Digital Arts	Health Science	Horticulture	Human Social Sciences
Marketing	Mechatronics	Therapeutic Services	STEM

Course Offering for Leadership

Success Skills - Service Learning

Success Skills Service-Learning is designed to place students in new situations where they apply their academic, technical, and social skills to serve others. Upon completion of this course, students will be able to structure an unstructured or ambiguous problem, connect personal development with academic attainment, and demonstrate citizenship and leadership skills. Students will also understand how their service-learning experiences fulfill an authentic need in the community and develop a portfolio of work that documents their discovery process and growth.

Credits: 1.0	Grade Level: 9-12
Prerequisite: Must apply and be chosen to serve in this role	