Coffee County Central High School

Home of the Red Raiders

Course Descriptions
2026-2027

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Notes about the Course Description Catalog

- **Humanities, Advanced Placement, Fine Arts, and the Math & Science Program of Study Courses are embedded within Departments.**
- **Advanced Placement (AP) Courses are embedded within Departments, except AP Access for All.**

Rigorous Information:

Rigorous Course Requirements & Application		
Course Type	**Advanced Placement (AP)** **College Level Exam Program (CLEP)** **Dual Enrollment (DE)*** **State Dual Credit (SDC)** ***Must have parental and CCCHS approval***	**Honors** ***Must have parental and CCCHS approval***
Rigor Points	Students must take the course exam in order to receive rigor points (excluding DE).	Rigor points are awarded for taking the course.
GPA & Grade	3.25 GPA 85+ in previous honors courses 90+ in previous regular courses	3.25 GPA 85+ in previous honors courses 90+ in previous regular courses
ACT or EOC	19 ACT composite score or EOC scores of met or exceeded expectations	None
Attendance	Attendance – 10 days maximum absences *(can be appealed)*	Attendance – 10 days maximum absences *(can be appealed)*

**** Criteria doesn't apply for students in DE through TCAT.***

- Student behavior may exclude enrollment in these courses and continued enrollment during the year.
- Students must have a strong work ethic.
- It is critical that students have the time outside of school to complete their work.
- Assignments typically require higher-level reading, writing, and analytical skills.

Advanced Placement (AP) & College Level Exam Program (CLEP) : In order to receive college credit, students must take and pass the College Board Exam. If the student does not pass the College Board Exam, they will only receive CCCHS credit. **All students will be required to take the AP or CLEP exam; students will be responsible 50% of the exam fee. Students on free/reduced lunch will be eligible for a discount on AP Exams only; scholarship opportunities also available.**

Dual Enrollment (DE): Dual Enrollment college-level courses are offered through Motlow State Community College, MTSU, TCAT, Tennessee Tech, and UT-Martin. In order to receive college and high school credit, students must pass the course.

**Students must maintain at least a 2.0 GPA in DE courses in order to retain the Dual Enrollment Grant.*

State Dual-Credit (SDC): Dual-Credit college-level course taught in a classroom. Students must pass the SDC exam in order to obtain college credit. If the student does not pass the Dual-Credit Exam, they will only receive CCCHS credit. **Students are required to take the Dual Credit Exam.**

Honors: Honors courses are more rigorous and faster paced than general courses.

Grading Scale		
100-105	**A**	**Advanced Placement & CLEP Courses Only**
100-104	**A**	**State Dual-Credit/Dual-Enrollment Courses Only**
100-103	**A**	**Honors Courses Only**
100-90	**A**	**All Classes**
89-80	**B**	**All Classes**
79-70	**C**	**All Classes**
69-60	**D**	**All Classes**
59-0	**F**	**All Classes**

English Language Arts

Language Arts Department

English II
1 Credit
Prerequisite: None
English II builds students' knowledge from content-rich nonfiction and fiction texts. Short stories, novels, and classic pieces of literature are used to build student understanding of the world around them. Throughout the course, writing using text based evidence is taught through multiple formats. Students are required to write a narrative essay, expository essay, and argumentative essay. The course is rigorous to help grow students and prepare students for the English II State Test.

English II Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course provides a more in-depth study that may require extra projects, higher level writing assignments, and extra reading opportunities to grow students.

English III
1 Credit
Prerequisite: None
English III is an American-Literature based course that builds on and integrates language, literacy, and writing skills.

English III Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
English III builds on English II standards. English III focuses on the sophistication of students' skills. Through writing, viewing, and reading, students will analyze, argue, synthesize, generalize, and evaluate a variety of genres that include, but not limited to essays, speeches, letters, short stories, poetry, and novels. The different texts will help students build an understanding of American literature as well. Students will conduct and write research papers using the MLA writing style. The objective of this course is to prepare students for college.

English IV
1 Credit
Prerequisite: None
English IV focuses on the Anglo-Saxon time period to the present in order to develop English literacy and composition skills. Students must demonstrate the ability to gather and organize research for the purpose of composing an analytical research paper using MLA formatting. Students are required to present their research to the class through an oral presentation. The objective of this course is to prepare students for college.

English IV Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This advanced course explores British and world literature from the medieval period to modern times. Designed for motivated students, the course strengthens critical reading, analytical writing, and presentation skills needed for college success. Students engage in in-depth discussion, literary analysis, and research, culminating in a formal analytical research paper using MLA format. In addition, Honors students participate in ongoing *Genius Hour* projects, allowing them to explore personal interests through independent research and creative or academic projects. This course challenges students to think independently, write effectively, and take responsibility for their learning in preparation for postsecondary education.

AP English Language and Composition

1 Credit and college credit based on score on AP exam

Prerequisite: *See Rigorous Course Requirements*

This college-level course focuses on the objectives and requirements set out by the AP English Language and Composition Course Description as published by the AP College Board. It is a rhetoric-based course, and the amount of reading and writing reflects the college-level. This course is rigorously designed in order to prepare students to be successful on the AP Language Exam, which can result in a college credit for students, and to effectively equip them for success in future college courses. This course is scored on a 105-point scale and a lab fee is requested.

AP English Literature and Composition

1 Credit

Prerequisite: *See Rigorous Course Requirements*

The AP Literature and Composition course is a college-level, literature-based course that follows the curricular requirements found in the AP English Course Description published by the College Board. Concentration is on the experience, interpretation, and evaluation of a variety of literary genres, including: fiction (novel, short story), poetry, and drama. Students write to explore, explain, interpret, and evaluate works. Timed writing assignments and formal writing assignments concentrate on the analysis, effectiveness, and relevance of a work. Different approaches to close reading of text are utilized, and various approaches to criticism are experienced in order to enhance the student's reading experience and ultimately improve his/her written work. Vocabulary is studied continuously in context with literature. Students have the option to take the Advanced Placement Examination in English Literature and Composition at the end of the school year to earn college credit. This course is graded on a 105-point scale. A list of required materials will be provided at the beginning of each year. An English fee may also be requested. Students will take the AP exam and the testing fee is due within two weeks of the beginning of school.

ACT Preparation

½ Credit

Prerequisite: None

Preparing for the ACT, Postsecondary, and Career is designed to assist students in (a) understanding what the ACT is, why it is important for their postsecondary readiness, and how to interpret their progress/results; (b) understanding how academic skills connect to career pathways and postsecondary opportunities; (c) preparing for the ACT exam through instruction, practice, and familiarity with the structure and format of the ACT exam; and (d) identifying and using best practices for maximizing one's score (e.g. "test tips", strategies for dealing with test anxiety, benefits of retaking the exam). The course is appropriate for all students in grades 9-12.

Bible as Literature

½ Credit

Prerequisite: None

The purpose of the course is to enable students to acquire an understanding and appreciation of the Bible's major ideas, historical/geographical contexts, and literary forms. The course will include the study of the Bible in its historical, sociological, and cultural contexts, and its impact on later cultures, societies, religions, and art. Specific religious beliefs will not be discussed.

Creative Writing

½ Credit

Prerequisite: None

This course is designed to both help students discover an outlet for their written creative expression and enrich their core curriculum enrichment opportunities. This course will take a close look at plot development through movies, short stories, novels, and children's books. Students are required to write a children's book and a personal book in their choice of genre. Students will be asked to share their books and stories. Developing students' writing and storytelling skills is the main focus of this class.

Journalism –Newspaper
1 Credit
Prerequisite: Teacher approval
The purpose of this class is to produce an on-line school newspaper. Students will write, edit and submit articles for publication according to the Associated Press Style Manual. Instruction will be given in writing headlines, leads, editorials, and inverted pyramid style. Students will study court cases related to school journalism. Students will read and evaluate articles from nationally syndicated newspapers. Students will also learn about layout, design, and photography. Students should be strong writers and have an interest in journalism. Students must complete an application, have a recommendation form completed by their English teachers, and be selected by the adviser.

Journalism –Yearbook
1 Credit
Prerequisite: Teacher approval
Yearbook is an application-based course that teaches students the production and communication skills of journalism. Students must be willing to conduct interviews, sell advertisements, take photos inside and outside of school, submit all pages on time, and work in all other areas of production. Students will learn computer skills, digital photography, photo correction, graphic design, theme development, and all other applications necessary to complete the yearbook. Yearbook is a student-led organization with top level positions of Editor-in-Chief and Business Manager. Leadership skills will be developed within the staff to train new staff members and to prepare students for leadership positions as they progress through the program. Although yearbook staff members are expected to continue on staff from year to year, positions are not guaranteed. All members must reapply for positions. Yearbook specific computer programs will be used along with other word processing and spreadsheet applications to accomplish the varied tasks in yearbook design and completion. Yearbook staff members must maintain a predetermined level of attendance and academic achievement to remain on the staff. Applicants must complete an application, meet academic and behavioral minimums, and complete a staff interview. The final selection will only be made by teacher approval.

Speech and Communications
½ Credit
Recommended: No less than a "C" in previous English course, *Completed English 1 & 2*
This semester course is designed for college-bound students interested in developing their public speaking skills. Basic content covers the organization, design, and delivery of various types of speeches (from informative to persuasive). Additional units of study will include interpersonal communication, group discussion, parliamentary procedure, oral interpretation, and debate.

Mathematics

Mathematics Department

Geometry
1 Credit
Prerequisite: Successful completion of Algebra 1
Geometry is the study of the properties and applications of two and three-dimensional figures. Topics studied are transformations, congruence, lines, angles, triangles, quadrilaterals, proofs, similarity, trigonometry, probability, and surface area & volume. All students will be given the state required end-of-course exam counted as a percent of the second semester grade.

Honors Geometry
1 Credit
Prerequisite: Successful completion of Algebra 1 and *See Rigorous Course Requirements*
Geometry is the study of the properties and applications of two and three-dimensional figures. Topics studied are transformations, congruence, lines, angles, triangles, quadrilaterals, proofs, similarity, trigonometry, probability, and surface area & volume.
Honors students will complete one project per quarter. All students will be given the state required end-of-course exam counted as a percent of the second semester grade. This course is graded on a 103-point scale.

Algebra II
1 Credit
Prerequisite: Successful completion of Algebra I and Geometry or taken Concurrently with Geometry.
Course Description: Algebra II builds on the skills acquired in Algebra I. Concepts emphasized are an analysis of function families, solving systems of equations, quadratics, polynomials, graphing, matrices, probability, data analysis, and logarithmic and exponential functions. All students will be given the state required end-of-course exam valued at 15% of the second semester grade.

Algebra II Honors
1 Credit
Prerequisite: Successful completion of Algebra 1 and Geometry or taken Concurrently with Geometry, *and See Rigorous Course Requirements.*
Course Description: Algebra II builds on the skills acquired in Algebra I. The pace of this course is rigorous. The technology of the graphing calculator (required) will help students apply mathematics in problem solving analysis and justification. Concepts emphasized are an analysis of function families, solving systems of equations, quadratics, polynomials, graphing, matrices, probability, data analysis, and logarithmic and exponential functions. All students will be given the state required end-of-course exam valued at 15% of the second semester grade. This course is graded on a 103-point scale.

Mathematical Reasoning for Decision Making (MRDM)
1 Credit
Prerequisite: Successful completion of Geometry and Algebra II (Seniors only), Must have scored below 19 on ACT math subset
Course Description: Throughout this course, students explore mathematical content in the context of applications to the real-world. Topics build upon previous knowledge requiring students to reason, solve, and represent mathematical concepts in multiple ways to encourage the use of math to answer problems students will encounter in life. This course is best intended for students who are planning to attend a College of Applied Technology, military service, or enter the workforce immediately following graduation.

Statistics
1 Credit
Prerequisite: Successful completion of Algebra I, Algebra 2, and Geometry
Statistics is the science of collecting, analyzing, and drawing conclusions from data. Statistics is one of the most practical and widely applied courses (not just in math) that you will ever take. Every day in the newspaper there are many articles describing statistical studies, including surveys, political polls, medical research and experiments. The course exposes students to four broad conceptual themes: exploratory analysis, planning a study, modeling using probability and simulation, and testing hypotheses using statistical inference.

Pre-Calculus
1 Credit
Prerequisite: Successful completion of Algebra I, Algebra 2, and Geometry
This course is designed for seniors wanting to go to and prepare for college but may not feel ready to take AP Precalculus. This course will emphasize trigonometric functions and covers graphs, triangle solutions, inverse functions, and trigonometric equations. Other topics consistent with a college preparatory program are logarithmic and exponential functions, vectors, sequences and series, analytic geometry and the use of graphing calculators. The course includes analyzing functions and data and using models to draw conclusions or make predictions. This course does not satisfy the prerequisite for AP Calculus AB.

AP Statistics
1 Credit
Students may also receive college credit by passing the AP exam (3+)
Prerequisite: Successful completion of Geometry and Algebra II, and See Rigorous Course Requirements.
The AP Statistics course introduces students to the major concepts and tools for formulating questions, collecting and analyzing data, and interpreting results from data. The content, skills, and assessments in the AP Statistics course focus on exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, experiments, problem-solving, and writing as they build conceptual understanding. The AP Exam consists of 50% multiple choice and 50% free response questions, and students may receive college credit by passing the AP exam and meeting individual college requirements. This course is graded on a 105-point scale.

AP Precalculus
1 Credit
Prerequisites: Successful completion of Geometry, Algebra I and Algebra II. Also see Rigorous Course Requirements.
This course centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Furthermore, as AP Precalculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience and is not exclusively focused on preparation for future courses. Also, students may receive college credit by taking the AP exam (required) and meeting individual college requirements for the score. This course is graded on a 105-point scale.

AP Calculus AB
1 Credit
Prerequisite: *Successful completion of AP Pre-Calculus (or equivalent if transfer student), and See Rigorous Course Requirements.*
AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. Emphasis will be placed on applications of the concepts to science, business, and medicine. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students will learn about two new mathematics concepts, the derivative which generalizes and extends their knowledge of rate of change, and the integral which generalizes and extends their knowledge of area. Also, students will learn to use calculus to model phenomena in sciences, economics, and other disciplines. Students who are planning careers in engineering, medical science, social science, or data analysis should take AP Calculus. Also, students may receive college credit by taking the AP exam and meeting individual college requirements for the score. This course is graded on a 105-point scale.

Science

Science Department

Biology
1 Credit
Prerequisite: None
This course is designed to familiarize students with the world of living things. Extensive laboratory experience, along with individual studies and a variety of classroom activities are provided. All students will be given the state required end-of-course exam valued at 15% of the second semester grade.

Biology Honors
1 Credit
Prerequisite: None
Recommended: An "A" or "B" in previous science course. This course is strongly recommended for students who take AP Biology. Honors Biology is a college preparatory course that lays the foundation for continued studies in Biological Sciences. This course includes the same content area as Biology but is intended for students interested in an accelerated classroom setting. Students taking this course will be expected to work well independently as well as in group settings. All students will be given the state required end-of-course exam valued at 15% of the second semester grade and is graded on a 103-point scale.

Chemistry
1 Credit
Prerequisite: None
This course is designed to develop an appreciation of chemistry and to enhance scientific skills. Chemistry is a study of matter and its interactions. Topics covered include matter, the periodic table, compounds, reactions, and stoichiometry.

Chemistry Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Recommended: A or B in previous science course and in Algebra I
This is an intensive college preparatory course in high school chemistry with an emphasis on the experimental development of basic concepts through laboratory investigations, and the mathematical expression of laboratory findings. Honors Chemistry is designed for students with a background in math and science who wish to further their science interests. This course is highly recommended for anyone going to college especially those planning to major in science or a related field. This course is graded on a 103-point scale.

Physics
1 Credit
Prerequisite: Enrolled or Successful completion of Algebra II
In this course, students study the relationship of matter and energy in fields such as mechanics, light, sound and electricity. Problem solving and laboratory experience are the main modes of study.

Physics Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Recommended: An "A" or "B" in Geometry and enrolled or successful completion of Algebra II.
This course is an intensive college-preparatory course designed for students interested in pursuing a career or continuing education in the field of science, engineering or medicine. Students study the relationship of matter and energy in fields such as mechanics, light, sound and electricity. Problem solving and laboratory experience are the main modes of study. This course is graded on a 103-point scale.

AP Biology

1 Credit

Prerequisite: *See Rigorous Course Requirements*

Recommended: An "A or "B" in Biology and Chemistry. A 21 on the ACT or 19 PLAN test score on the Science subtest is recommended. AP Biology is designed as the equivalent of a college introductory biology course. This course is a continuation of the first year of biology but takes a more in-depth approach to all topics studied. Topics include cellular processes, molecular biology, genetics, evolutionary biology, and ecology. Units are organized according to the 4 Big Ideas of the AP Biology curricular requirements. This course is also an intensive laboratory science course for students who are interested in pursuing a biology or science major in college. A minimum of 25% instructional time is used to complete required laboratory investigations as mandated by the College Board, as well as teacher generated and online labs. Each student is required to read and learn materials outside of the text, which may not be covered in lecture. Students take the Advanced Placement exam at the end of this course. All testing fees are due within two weeks from the beginning of school. College credit may be granted by some colleges/universities for a qualifying score. AP Biology is graded on a 105-point scale.

AP Chemistry

1 Credit

Prerequisite: Chemistry and Algebra II

Recommended: An “A” or “B” in Chemistry and Algebra II

This is an intensive college level study of all chemical processes. Included is the study of matter, periodic properties, and mass/mole relationships. This is a fast-paced science course that is equivalent to first-year college chemistry. A minimum of five (5) hours a week of outside study is recommended by the College Board. Students take the Advanced Placement exam at the end of this course. College credit may be granted by colleges/universities for a qualifying score. All testing fees are due within two weeks from the beginning of school. This course is graded on a 105-point scale.

AP Physics I

1 Credit

Prerequisite: *See Rigorous Course Requirements, completion of Geometry, and be currently enrolled in Algebra II or an equivalent course*

Students will explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. This course is fast-paced and lab heavy. Successful completion of the course will prepare the student to take the College Board Advanced Placement Examination to receive college credit. Students taking the AP exam have all testing fees are due within two weeks of the beginning of school. This course is graded on a 105-point scale.

AP Physics II

1 Credit

Prerequisite: See Rigorous Course Requirements, completed AP Physics I or comparable introductory course in Physics course, and should have taken or be currently enrolled in Pre-Calculus or an equivalent course

Students will expand their understanding of physics as you explore topics such as fluids; thermodynamics; electric force, field, and potential; electric circuits; magnetism and electromagnetic induction; geometric and physical optics; and quantum, atomic, and nuclear physics. Successful completion of the course will prepare the student to take the College Board Advanced Placement Examination to receive college credit. Students taking the AP exam have all testing fees are due within two weeks of the beginning of school. This course is graded on a 105-point scale.

Social Studies

Social Studies Department

Ancient History
½ Credit
Prerequisite: None
Students will examine the social, geographic, religious, economic, and cultural aspects of major periods of ancient history from prehistoric times to 1500 CE. Students will explore the development of river valley civilizations, the Gupta Empire, the Roman Empire, Classical Greece, Islamic civilizations, American and African civilizations, and the Middle Ages through the beginnings of the Renaissance.

World Geography
½ Credit
Prerequisite: None
Students will examine the global perspectives, basic concepts, and fundamental questions of geography. Students will explore where phenomena occur and reasons why phenomena occur in those locations. Students will focus on the ways through which all places on Earth are interconnected and how the human use of Earth's surface varies. Students will also explore various topics, including geographic skills and tools, physical processes, natural resources, cultural geography, political geography, population and migration, economic development and interdependence, and urbanization.

U.S. History Statewide Dual Credit (HIST 2020)
1 Credit
Prerequisite: Completed English 1 & 2
This course begins with the 1860s, and continues through to 9/11. The objective is to put U.S. History under a political, cultural, economic and social microscope. Instruction is aimed at helping students make connections between their current realities and events in our nation's past. All students will be given the state dual credit exam at the end of the course.

U.S. History Statewide Dual Credit (Advanced) (HIST 2020)
1 Credit
Prerequisite Recommended: *See Rigorous Course Requirements and* Completed English 1 & 2
This course is the honors section of Statewide Dual Credit. It begins with the 1860s, and continues through to 9/11. The objective is to put the U.S. History under a political, cultural, economic and social understanding. Instruction is aimed at helping students make connections between their current realities and events in our nation's past. All students will be given the state dual credit exam at the end of the course. Students will engage in various activities and assignments intended to prepare them for the Statewide Dual Credit Test. This course is graded on a 104-point scale.

AP U.S. History
1 Credit
Prerequisite Recommended: *See Rigorous Course Requirements*
AP U.S. History is a survey course oriented to mature, responsible, college-bound students. The course, which covers pre-contact through current events, is divided into 9 units of study. It is structured and taught as an introductory college course, with emphasis on historical analysis, writing, research and preparation for the national Advanced Placement exam. Students in APUSH will complete projects and various other creative projects and group work. This course is graded on a 105-point scale.

U. S. Government & Civics
½ Credit Seniors only
Prerequisite: None
This course emphasizes the structure, functions and powers of the government at the national, state and local levels. It is designed to familiarize students with the origin, history, and processes of the American political system.

U. S. Government & Civics Honors
1/2 Credit Seniors only
Prerequisite Recommended: *See Rigorous Course Requirements*
Honors United States Government will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. Government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students will learn through in class lecture, research-based projects, and discussion.

Economics
½ Credit Seniors only
Prerequisite Recommended: completion of US History
Economics offers students a realistic approach to economics. It is designed to give students a practical, non-technical view of how economics affects our individual roles as consumers, bankers, citizens, and voters. Special emphasis is given to the consumer portion of economics and to economic organization for production.

Economics Honors
½ Credit Seniors only
Prerequisite Recommended: *See Rigorous Course Requirements*
This course offers students a realistic approach to economics. It is designed to give students a practical, non-technical view of how economics affects our individual roles as consumers, bankers, citizens, and voters. Special emphasis is given to the consumer portion of economics and to economic organization for production. Students will be doing frequent readings to prepare for discussions over topics covered. There are several projects the students must complete involving various parts of the economy and may include posters, power points, speeches, etc. This course is graded on a 103-point scale.

AP U. S. Government & Politics
½ Credit
Prerequisite Recommended: *See Rigorous Course Requirements*
Students will study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.

AP European History
1 Credit
Prerequisite Recommended: *See Rigorous Course Requirements*
AP European History emphasizes relevant factual knowledge about European history from 1450 to the present to highlight intellectual, cultural, political, diplomatic, social and economic developments. The course will teach students to analyze evidence and interpretations presented in historical scholarship. The course includes extensive instruction in analysis and interpretation of a wide variety of primary sources, such as documentary material, maps, statistical tables, works of art, and pictorial and graphic materials. The course will provide students with frequent practice in writing essays. Students in APEH will complete various projects, including the Enlightenment Salon, the Urban Game, and other creative endeavors. This course is graded on a 105-point scale.

Psychology
1/2 Credit
Prerequisite: Completed English 1
Psychology is designed to acquaint students with the concept of human behavior. This elective provides a general introduction to the field of psychology. Specific topics include the following: learning and creativity, perception, theories of personality, human growth and development, and abnormalities. Psychology involves group work, independent reading/research, and active participation by the student.

AP Psychology 1 credit
Prerequisite: *See Rigorous Course Requirements*
AP Psychology is a course that provides instruction in each of the following 14 content areas: History and approaches, Research methods, Biological bases of behavior, Sensation and perception, States of consciousness, Learning, Cognition, Motivation and emotion, Developmental psychology, Personality, Testing and individual differences, Abnormal psychology. Students will learn ethics and research methods used in psychological science and practice. This course is graded on a 105-point scale.

Contemporary Issues
1/2 credit
Prerequisites: None
Students will use inquiry skills to examine the issues that impact the contemporary world. Included in the course will be analysis of the historical, cultural, economic, and geographic factors that have raised certain issues to levels of concern in our nation and around the globe. Students will engage in research and problem solving in order to better understand and assess significant current issues.

Sociology
1/2 Credit
Prerequisite: Completed English 1
Sociology is the study of individual and group relationships. Each week students will read and discuss newspaper or magazine articles about issues relating to culture, social class, online socialization, economics, health care, stereotyping, folklore, family, politics, social problems, deviant behavior, and civil rights. Students will complete one individual research project and one group research project per nine weeks of the semester course. Students will view and discuss media clips and videos relating to the weekly lesson's topic, in addition to reading material from the text book. This course serves as an introduction to sociology and helps students enhance their oral and written communication skills. It also engages students to reflect upon the importance of current events in their own lives.

TN History
1/2 Credit
Prerequisite: Completed English 1
The emphasis of this course will be Tennessee's role in the cultural, political, and economic development of our nation. We will trace the evolution of our state from backcountry settlements to statehood to player in modern America. Key areas of study will include the presidencies of Andrew Jackson and James K. Polk, the heroics of Alvin C. York, the Scopes Trial, the passage of the Nineteenth Amendment, the fight for Civil Rights, and Tennessee's musical heritage. Geography and Coffee County history will be integrated and the course will include field trips and guest speakers when possible. The study of Tennessee history gives us a context from which we can begin to make sense of our state and local societies. It prepares us for the privileges and responsibilities of citizenship. Through lectures, discussions, readings, writings, videos, and projects, we will explore the complex, often conflicting viewpoints and actions of individuals who helped shape our state character. The goal of this course is to create educated, responsible citizens who will move the Volunteer spirit into the future.

Foreign Language

Foreign Languages Department

French I
1 Credit
Prerequisite: None
This course provides students with an introduction to the French culture and language. Students will build competencies in reading, writing, listening and speaking for communicative proficiency. Students will gain competency through group activities, written practice, speaking exercises, projects, and reading.

French I Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Honors French I includes the same content as French I but is designed for students interested in a faster paced and more in-depth learning environment. This course is graded on a 103-point scale. Students will be required to take a National Proficiency Exam at the end of the course.

French II
1 Credit
Prerequisite: Successful completion of French I
This course is a continuation of French I and emphasizes developing communicative proficiency in reading, writing, listening and speaking. French literature in the form of short stories, novels, and poetry will be covered as time permits.

French II Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Honors French II includes the same content as French II but is designed for students interested in a faster paced and more in-depth learning environment. This course is graded on a 103-point scale. Students will be required to take a National Proficiency Exam at the end of the course.

French III Honors
1 Credit
Prerequisite: *Completion of French II Honors or Teacher Recommendation (must meet rigorous course requirements)*
This course is designed for students to expand their speaking, reading, writing, and listening skills through the use of authentic stories and films. French III honors students will be required to take a National Proficiency Exam at the end of the course. This course is graded on a 103-point scale.

Spanish I
1 Credit
Prerequisite: None
This course provides students with an introduction to the Spanish culture and language. Students will build competencies in reading, writing, listening and speaking
for communicative proficiency. Students will gain competency through group activities, written practice, speaking exercises, projects, and reading.

Spanish I Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Honors Spanish I includes the same content as Spanish I but is designed for students interested in a faster paced and more in-depth learning environment. This course is graded on a 103-point scale. Students will be required to take a National Proficiency Exam at the end of the course.

Spanish II
1 Credit
Prerequisite: Successful completion of Spanish I
This course is a continuation of Spanish I and emphasizes developing communicative proficiency in reading, writing, listening and speaking. Spanish literature in the form of short stories, novels, and poetry will be covered as time permits.

Spanish II Honors
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This is a course designed for students who are interested in continuing their study of Spanish culture, literature and language. Students will have the opportunity to explore literature through the use of authentic texts and film. Students should possess a strong background from previous levels of Spanish. This course is graded on a 103-point scale. Students will be required to take a National Proficiency Exam at the end of the course.

Spanish III Honors
1 Credit
Prerequisite: *Completion of Spanish II Honors or Teacher Recommendation (must meet rigorous course requirements)*
This course is designed for students to expand their speaking, reading, writing, and listening skills through the use of authentic stories and films. This course is graded on a 103-point scale. Students will be required to take a National Proficiency Exam at the end of the course.

Fine Arts

Fine Arts Department

Concert Choir (Chorus)
1 Credit
Prerequisite: None
Concert Choir is made up of males and females, sophomores through seniors. Students learn basic singing techniques, choreography, and musical notation. The class can be taken for 1⁄2 credit by taking either semester. Three to four concerts are performed during the year. This course fulfills a fine art credit requirement.

Show Choir
1 Credit
Prerequisite: Singing and Dancing Audition Required or Director Approval
Show Choir is made up of males and females, sophomores through seniors. Students in this course must be able to learn/memorize both music and choreography at a very fast pace. This ensemble performs 6-10 concerts during the school year (in school and out). Some rehearsal outside of class time may be required. This course fulfills a fine art credit requirement.

Women's Chorale
1 Credit
Prerequisite: Singing Audition Required or Director Approval
Women's Chorale is made up of females, sophomores through seniors. Students in this course must be able to learn/memorize music and add choreography at a moderate pace. Students perform 4-6 concerts during the school year (in school and out). Some rehearsal outside of class time may be required. This course fulfills a fine art credit requirement.

General Music
1 Credit
Prerequisite: None
This course is for the non-musician who enjoys listening to music, as well as those with a background in music study seeking information outside the performance arena. This course fosters the ability to listen perceptively, and explores the role music plays in our lives including: entertainment, dance, art, film, other cultures, religions, philosophies, and musical theatre. The course will also give basic introductions to music mechanics, theory, composition, analysis, history, genres, and styles; and may include field trips to witness collegiate or professional performances. This course is helpful to all students in all programs of study. This course fulfills a fine art credit requirement.

Music History: From the 20th Century to Present
1 Credit
Prerequisite: None
The Popular Music History course provides high school students with an engaging exploration of the evolution of popular music from the 20th century to the present day. Through an interdisciplinary approach, students will delve into the cultural, social, and technological forces that have shaped popular music genres, artists, and movements. From the roots of rock and roll to the emergence of hip-hop, electronic dance music, and beyond, this course offers a comprehensive understanding of the dynamic landscape of popular music. This course fulfills a fine art credit requirement.

Guitar I/II
1 Credit
Prerequisite: Instructor approved for Guitar II
Guitar is a performance-based course offering introductory experience in, and opportunity for development and improvement of, fundamental skills associated with playing the guitar. Topics covered include: basic guitar technique such as strumming patterns, playing with fingers, playing with a plectrum, and relative tuning; instrument care and maintenance including changing strings, cleaning, and storage; reading real sheet music with notes, rhythms, scales, and chords; reading tablatures, chord charts, and lead sheets; playing in different styles such as Blues, Rock, Country, Jazz, and Classical; and the history behind it all. This course may include field trips to witness collegiate or professional performances. Daily/regular practice is MANDATORY to be successful in this class. The use of personal acoustic guitars is highly preferred; a school guitar may be checked out from the instructor if the student does not own one; electric and bass guitars are not acceptable for use in daily class activities. Completion of Guitar I is a prerequisite to enrolling in Guitar II. Students wishing to enroll in Guitar III must have approval from the instructor.

Percussion Ensemble

1 Credit

Prerequisite: Students should have a solid foundation in basic percussion techniques and the ability to read standard percussion notation. Previous participation in a concert band or percussion ensemble is recommended but NOT required.

The Percussion Ensemble course is designed for high school students who have a foundation in percussion and a passion for exploring the diverse world of percussion instruments. This course offers an immersive experience in ensemble playing, focusing on the development of advanced rhythmic and technical skills. Students will engage in the study of various percussion genres, including classical, world, and contemporary music, while refining their individual and ensemble performance techniques.

Symphonic Band (General Band I)

1 Credit

Prerequisite: No prior musical experience is required. This course is open to all high school students with an interest in learning to play a wind or percussion instrument.

The Symphonic Band course is designed for high school students will little to no prior experience in instrumental music. This course serves as an introduction to the basics of playing wind and percussion instruments, fostering a supportive environment for students to develop foundational skills in music literacy, technique, and ensemble playing. Students will explore various musical genres and begin building a repertoire while gaining a strong foundation for future musical endeavors.

Wind Ensemble II/III/IV (General Band II, III, or IV)

1 Credit

Prerequisite: Previous instrumental experience is required, and students should have successfully completed a beginner band or introductory instrumental course. Proficiency in basic music theory and the ability to read standard musical notation are essential. There will be an audition to determine if students will be placed in Wind Ensemble or Symphonic Band.

The Wind Ensemble course is designed for high school students with previous instrumental experience who seek to further develop their musical skills and explore advanced repertoire. This course emphasizes musical artistry, ensemble precision, and individual proficiency through the study and performance of challenging concert band literature. Students will engage in a comprehensive exploration of various musical genres, refining their techniques and expanding their knowledge of music theory and history.

Music Theory

1 Credit

Prerequisite: None

The Music Theory course is designed to provide the high school student with a comprehensive understanding of the fundamental elements and structures that constitute music. Through a combination of theoretical study, listening exercises, and practical application, students will develop the skills necessary to analyze, interpret, and create music across various genres. This course serves as a foundation for further musical studies, enhancing students' abilities as performers, composers, and informed listeners. This course fulfills a fine art credit requirement.

AP Music Theory

1 Credit

Prerequisite: Requires permission from instructor to enroll Recommended: *See Rigorous Course Requirements*

AP Music Theory first helps students master the rudiments and terminology of music, including: Notational Skills, Intervals, Scales and Keys, Chords, Metric Organization and Rhythmic Patterns. The course incorporates a brief introduction to twentieth-century scales, chordal structures and compositional procedures. Students will learn the following procedures based in common-practice tonality: Functional triadic harmony in traditional four-voice texture, Tonal relationships and Modulation to closely related keys. The course also teaches standard rhythms/meters, phrase structure and small forms. Musical skills will be developed by the following exercises: Listening, Sight-singing, Written exercises, Creative exercises, and Analytic exercises. All students will take the AP exam with testing fees due within two weeks of the beginning of school. This course is graded on a 105-point scale.

Music Production
1 Credit
Prerequisite: None
The Music Production course, utilizing the innovative software Soundtrap, is designed for high school students with a keen interest in the creative and technical dimensions of digital music production. Through hands-on exploration, theoretical study, and project-based learning, students will embark on a journey to understand and master the intricacies of producing music in the digital domain using the accessible and collaborative features of Soundtrap. This course fulfills a fine art credit requirement.

Theater Arts I
1 Credit
Prerequisite: None
Theatre Arts I is offered to students who have had no acting, production, or technical training in theatre and want to learn the skills found in theatre today. Writing, Acting, Theatre History, and Artistic and Technical Production are all explored to provide a broad understanding of the many facets of theatre. This course places a strong emphasis on improvisation, pantomime, stage movement, oral interpretation, acting techniques, and theatre history. Theatre Arts 1 students will study the cultural contribution of theatre, its structure, the play, and its performance. *Students will be expected to attend both productions over the year for the class.*

Theater Arts II
1 Credit
Prerequisite: Theatre Arts I or approval of theatre director
Theatre Arts II is an extension of the elements explored in Theatre Arts I with an emphasis on acting. This course is ideal for students who want to further their theatrical skills through work in acting, directing, writing, production, and theatre history. Advanced principles of production, directing, writing, and acting are studied and applied through performances in various theatrical applications. *Students will be required to audition for both the fall play and the spring musical. Acceptance of role is not required.*

Theater Arts III
1 credit
Prerequisite: Theater Arts I or approval of theater director
The focus of Theatre Arts III is technical theatre. Theatre Arts III class studies the technical elements of theatre. This both helps to prepare students interested in pursuing theatre in a post-secondary or work-related setting, as well as providing practical skills in woodworking, sewing, lighting & sound design, and prop fabrication. Students are challenged with a more in-depth, hands-on study of techniques, media, tools, and processes characteristic of drama as an art form by having the students assist with the technical requirements of our season. Students will be required to complete four hours of tech work for both the fall play and the spring musical

Theater Arts IV
1 credit
Prerequisite: Theater Arts II or III or approval of theater director – Recommended for Seniors
The focus of Theatre Arts IV is directing. Theatre Arts IV class studies the more advanced elements of theatre and drama that will help to prepare students interested in pursuing theatre in a post-secondary or work-related setting. Students are challenged with a more in-depth study of techniques, media, tools, and processes characteristic of drama as an art form by having the students build toward directing a 10-minute play for the end of the year. This course may require after school rehearsals and performances that will be used as part of the evaluation process.

Visual Arts I
1 Credit
Prerequisite: None
Visual Arts is a yearlong course and it designed to be a hands-on, project-based studio class, introducing a variety of art media. Color Theory, Drawing, Painting, Sculpture, Pottery, Printmaking, and Art History. This course relies heavily on daily participation, a high level of effort, and self-motivation to work at an individual pace.

Visual Arts II

1 Credit

Prerequisite: Visual Art I with a final grade of at least 85% or teacher recommendation

Visual Arts II is designed to be a hands-on, project-based studio class, building on the foundations learned in Art I. Advanced techniques and projects using a variety of art media. Drawing, Painting, Sculpture, Wheel Thrown Pottery, Printmaking, and Art History. This class puts an emphasis on creative solutions and communicating meaning in artwork. This course relies heavily on daily participation, a high level of effort, and self-motivation to work at an individual pace.

Visual Arts III

1 Credit

Prerequisite: Visual Art II with a final grade of at least 85% or teacher recommendation

This third level art class continues to build upon the knowledge learned in the previous art classes. Students begin to work independently and motivation is needed to do well mastering the skills needed to pursue art as a career in the future. Emphasis is placed upon improving skill to an acceptable level along with a creative and logical thinking process to complete the projects that are required. Students will continue learning new techniques to broaden their scope and enhance their portfolio.

Visual Arts IV

1 Credit

Prerequisite: Final grade of an 85% minimum in Art III or teacher recommendation

The fourth level art class is for the serious artist only. These students are pursuing a career in an art field and working toward being accepted into a field of art after high school. Students will be expected to work independently creating a portfolio highlighting their best work. Students will be expected to create all original pieces of work both realistic and abstract, while being creative in their choice of material and the execution of the projects.

Health & Physical Education

Health & Physical Education

Wellness-Health

½ Credit Prerequisite: None

This course provides students with a holistic approach to health which addresses disease prevention and control, nutrition, substance use and abuse, mental health, family life and sexuality, first aid and safety, and personal fitness. This course meets half of the graduation requirement of 1 credit in Lifetime Wellness.

Wellness-PE

½ Credit Prerequisite: None

Students are introduced to the fundamentals of individual and dual sports, which include skills, rules, and game strategy, as well as physical fitness. Emphasis in the class is placed on providing an opportunity for individual growth and success. This course meets the physical education half of the graduation requirement of 1 credit in Lifetime Wellness. This course may also meet the additional half credit of physical activity required for graduation.

Physical Education

½ Credit

Prerequisite: None

Students are introduced to the fundamentals of team games and sports, which include skills, rules, and game strategy, as well as physical fitness. Emphasis in the class is placed on providing an opportunity for growth in teamwork and cooperation. This course meets the physical education half of the graduation requirement of 1 credit in Lifetime Wellness. This course may also meet the additional half credit of physical activity required for graduation.

Physical Training

½ Credit

Prerequisite: None

The purpose of this course is to enable students to acquire basic knowledge and skills in weight training. Implementing these skills into a program to improve muscular strength and endurance, and to begin to enhance self-image. Basic knowledge relevant to the physiology of strength and conditioning is considered with respect to methods of achieving specific goals.

Driver's Education

½ Credit

Prerequisite: Must be at least 15 years of age to take this course or turn 15 during the time taking the course. Students deficient in credits will not be allowed to enroll in this course.

Any student who chooses this course must choose an alternate course. Space is limited and assignment into the course is completely random.

Driver's Education consists of two major components: thirty hours (approximately seven weeks in the classroom) and six hours of hands-on experience behind the wheel of a vehicle. This is an introductory course that will improve knowledge and skill; however, students will need to receive additional supervised practice outside the class in order to prepare to obtain a driver's license and become a safe and knowledgeable driver. Students do not need a license or permit to drive while with a certified instructor; however, it is strongly encouraged that students acquire a permit while taking this course in order to gain additional practice outside of class. The driver education program has no relationship with securing a driver's license. Obtaining a driver's license is the parents' responsibility when they feel their child is adequately prepared.

Junior Reserve Officers Training Corps

(JROTC)

JROTC

JROTC: Aerospace Education—Air Force Junior ROTC

Each of the JROTC courses include an aerospace, leadership and wellness component as shown below in a 40/40/20% ratio respectively. An Aerospace Science (AS) component, a Leadership Education (LE) component, and a Wellness component are present in each JROTC Option year. Because second, third-, and fourth-year cadets are blended into the same classes at CCCHS, LE II and LE III are offered in alternate years. AS classes consist of The Science of Flight, Exploration of Space, and Cultural Studies and are offered one each year for three consecutive years and then repeated. Depending on the offering each year, LE II or LE III could be taught with any of the upper AS classes. The Wellness component is always included each year for all cadets. For example, first year cadets always take Option 1 and it is considered a prerequisite for the other optional AFJROTC classes. Second and third year cadets will take LE II or LE III along with either Cultural Studies, The Science of Flight, or Exploration of Space. Fourth year cadets learn how to manage the Cadet Corps as their AS component and complete the LE IV Principles of Management text in addition to their Wellness component.

1-3 Credits/ Prerequisite: must normally take Option 1 before Options 2, 3, or 4.

The Junior ROTC education program enables the student to explore both civilian and military aspects of aerospace. The program is designed to instill integrity and citizenship within the cadets. The instructors will challenge the student to become a leader, self-reliant, and self-disciplined. Military customs and courtesies, flag etiquette, basic drill positions, movements, and commands are basic aspects of all the courses. Voluntary extracurricular/after school activities include drill team, color guard, honor guard, air rifles, Stellar Xplorers (national high school space challenge), and model rocketry. Other activities such as hiking, camping, a military ball, an awards banquet, parades, and community service projects are also offered for voluntary cadet participation. Cadets earn merits for any voluntary participation in non-required cadet activities. Uniform wear, one day a week, is mandatory to pass the courses. All cadets must meet Air Force standards of dress and appearance.

Haircuts and a clean-shaven face are required for males when in uniform. Females must wear their hair up and have a single natural color tint for their hair when in uniform, with neutral colored fingernails. Uniforms must be dry-cleaned several times during the year at the cadet's expense. Students may elect to continue into a 4th year of JROTC. These "senior" cadets will form the cadet staff and lead the Cadet Corps by leadership in action.

JROTC Option 1: (first year cadets)

AS 100: Aerospace Science: A Journey into
Aviation History LE 100: Citizenship,
Character and Air Force Tradition Wellness

This is the recommended first AS course for all new cadets. It is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flight power, and rockets. The LE-100 introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self-control; and citizenship. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. The Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities.

JROTC Option 2: (second or third year cadets)

AS 200: The Science of Flight: A Gateway to New Horizons
LE 200: Communication, Awareness, and Leadership (or LE 300: Life Skills and Career Opportunities; see Option 3) Wellness

The Science of Flight: A Gateway to New Horizons is an introductory course and customized textbook that focuses on how airplanes fly, how weather conditions affect flight, flight and the human body, and flight navigation. The course is designed to complement materials taught in math, physics, and other science related courses. Leadership Education 200 stresses communications skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and

speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. The Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities.

JROTC Option 3: (second or third year cadets)
AS 220: Cultural Studies: An Introduction to Global Awareness
LE 300: Life Skills and Career Opportunities (or LE 200: Communication, Awareness, and Leadership; see Option 2) Wellness
This is a customized course about the world's cultures. The course is specifically created for the US Army, Marine Corps, Navy, and Air Force Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Leadership 300 provides an essential component of leadership education for today's high school students. This course it is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. Students will learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. They will learn about real-life issues such as understanding contracts, leases, warranties, legal notices, personal bills, practical and money-saving strategies for grocery shopping, apartment selection, and life with roommates. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. The Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and Communities.

JROTC Option 4: (second or third year cadets)
AS 300: Exploring Space: The High Frontier
LE 300: Life Skills and Career Opportunities (or LE 200: Communication, Awareness, and Leadership; see Option 2) Wellness
This is a science course that includes the latest information available in space science and space exploration. The course begins with the study of the space environment from the earliest days of interest in astronomy and early ideas of the heavens, through the Renaissance, and on into modern astronomy. It provides an in-depth study of the Earth, Sun, stars, Moon, and solar system, including the terrestrial and the outer planets. It discusses issues critical to travel in the upper atmosphere such as orbits and trajectories unmanned satellites, and space probes. It investigates the importance of entering space and discusses manned and unmanned space flights, focusing on concepts surrounding spaceflight, space vehicles, launch systems, and space missions. Leadership 300 provides an essential component of leadership education for today's high school students. This course it is designed to prepare students for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. Students will learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. They will learn about real-life issues such as understanding contracts, leases, warranties, legal notices, personal bills, practical and money-saving strategies for grocery shopping, apartment selection, and life with roommates. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of an exercise programs focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. The Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities.

JROTC Option 5: (fourth year cadets)
AS 400: Management of the Cadet Corps LE 400: Principles of Management Wellness
The cadets manage the entire corps during their fourth year in the Air Force Junior ROTC program. This hands-on experience affords cadets the opportunity to put theories of previous leadership courses into practice. Planning, organizing, coordinating, directing, controlling, and decision-making will be done by cadets. They will put into practice their communication, decision-making, personal-interaction, managerial, and organizational skills.
This is the fourth textbook in the Leadership Education series. This course provides exposure to the fundamentals of management. The text contains many leadership topics that will benefit students as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. We are confident this course,

coupled with what cadets have already learned during their time in AFJROTC, will equip them with the qualities needed to serve in leadership positions within the corps. Throughout the text are many ethical dilemmas, case studies, and role play activities built into the lessons. These activities are based on real life experiences and will allow students the opportunity to practice what they learn by getting involved in discussions and expressing their opinions. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of an exercise program focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. The Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities.

NOTE: Two credits of JROTC meet the Lifetime Wellness graduation requirement (i.e. successfully pass two years of JROTC). Three credits of JROTC meet the U.S. Government, Personal Finance, and the additional ½ credit of physical activity graduation requirement (i.e. successfully pass three years of JROTC). The University of Colorado offers college elective credits for AFJROTC courses (cadets must pay tuition fees).

Dual Enrollment

Bethel University

Motlow State Community College

Tennessee Tech University

University of Tennessee at Martin

Dual Enrollment Courses

Coffee County CHS offers a Dual Enrollment program. Students interested in participating in this program must meet specific requirements. Students must also meet with their counselor and attend an additional meeting to be registered.

Motlow State Community College Dual Enrollment Courses – Offered at CCCHS by CCCHS teachers

Dual Enrollment English Composition 1010

1 Credit

Prerequisite: *See Rigorous Course Requirements*

Students are required to produce three MLA formatted college-level essays. This course provides students with the necessary skills to be successful in college-level writing and analysis. Students must meet Motlow State Community College's required ACT score(s) prior to enrollment. The course awards three hours of college credit and replaces a junior or senior English course. Students must pay the standard Motlow fee. There are no required textbooks or mandatory texts for purchase. Throughout the semester, students will complete quizzes and discussion posts. Strong time-management skills and self-motivation are essential for success in this course. This class provides students with an opportunity for academic growth while receiving in-person support from a teacher.

Note: Most colleges will not accept credit for this course if the student's final grade is lower than a **C**.

Dual Enrollment English Composition 1020

1 Credit

Prerequisite: *See Rigorous Course Requirements*

Students produce three MLA-formatted, college-level essays emphasizing critical thinking, argumentative writing, extended research, and literary analysis. Coursework requires the use of primary and secondary sources. Students must meet Motlow State Community College's required ACT score(s) prior to enrollment. This course carries three hours of college credit; therefore, students are responsible for the standard Motlow fee. Successful completion requires strong time-management skills and self-motivation. Required texts may be assigned.

Note: Most colleges will not accept credit for this course if the student's final grade is lower than a **C**.

Dual Enrollment U.S. History 2010

1 Credit

Prerequisite: *See Rigorous Course Requirements*

This course covers the history of the United States to 1876. We begin our studies with a look at the rich history of Native Americans and the first European settlements. From that point, we examine the Revolution, early national period and the Civil War and Reconstruction. Special focus is given to the events and people who shaped our national heritage and created the foundation of modern America.

Dual Enrollment U.S. History 2020

1 Credit

Prerequisite: *See Rigorous Course Requirements*

This course traces the political, economic, diplomatic, and social development of the United States from Reconstruction to the present. Students will examine the emergence of the United States as an industrial power and our journey through two World Wars. Along the way, we will dance to Elvis, dream with Dr. King, and fight for equality. Special focus is given to contemporary issues and the place of the United States as a world power.

Dual Enrollment Online - ARTA 1030 - Art Appreciation
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is designed to help students understand the visual arts–painting, drawing, sculpture, and architecture–and to show how culture and art interact.

Dual Enrollment Online - COMM 2025 - Fundamentals of Communication
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is a study of communication skills, including practice in organizing, preparing, and delivering various types of informative and persuasive speeches, and in engaging in constructive criticism of oral communication.

Dual Enrollment Online - ECON 2100 - Macroeconomics
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is a study of basic economic concepts and macroeconomics. Topics covered include basic economic theory, economic systems, national income accounting, unemployment and inflation, money and banking, fiscal and monetary policy.

Dual Enrollment Online - EDUC 1010 - Introduction to Education (TAP 1)
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is a survey of education in America, including the history of education, the rewards and challenges of teaching, current trends and issues, philosophies of education, teaching in a diverse and global society, the use of technology in teaching and learning, and education reforms. Students are required to complete 10 hours of classroom observation in order to receive credit for the course. Students will need to obtain a background check.

Dual Enrollment Online - EDUC 1310 - Introduction to Early Childhood Education (TAP 2)
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Introduction to Early Childhood Education is an introduction to the early childhood profession, including an emphasis on professionalism and developmentally appropriate practice. The course also includes an overview of history of early education; theoretical program models; different types of early childhood programs, community resources; professional organizations, and contemporary trends and issues in programs for children ages birth through eight.

Dual Enrollment Online - English - American Literature 2130
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course focuses on essay writing using a variety of expository patterns. It emphasizes critical reading and discussion of selected essays, logical thinking, and an introduction to incorporation and documentation of material from primary sources. This course is the study of representative works of American prose, poetry, and drama beginning with the early settlement period through the twentieth century. Students must meet Motlow's required ACT score(s) prior to enrolling. Because this class serves as three hours of college credit, students must pay the standard Motlow fee. Students are also required to purchase the mandatory texts for this class. Special note: Most colleges will not accept credit for this course if the student's final grade is lower than a C.

Dual Enrollment Online -English - British Literature 2230
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course emphasizes critical thinking, argumentative essay writing, discussion of selected fiction, poetry, and drama, in-depth extended research, and literary criticism to include incorporation and documentation of material from primary and secondary sources. This course is the study of representative works of British
prose, poetry, and/or drama beginning with the Anglo-Saxon period through the early twentieth century. Students must meet Motlow's required ACT score(s) prior to enrolling. Because this class serves as three hours of college credit, students must pay the standard Motlow fee. Students are also required to purchase the mandatory texts for this class. Special note: Most colleges will not accept credit for this course if the student's final grade is lower than a C.

Dual Enrollment Online - COMM 2025 - Fundamentals of Communication
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is a study of communication skills, including practice in organizing, preparing, and delivering various types of informative and persuasive speeches, and in engaging in constructive criticism of oral communication.

Dual Enrollment Online - MATH 1710 - College Algebra
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is designed primarily for students majoring in non-science degrees. Topics include functions and graphs, linear and quadratic equations, inequalities, polynomials, rational expressions, exponents, radicals, and exponential and logarithmic functions.

Dual Enrollment Online - MATH 1530 - Introductory Statistics
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is an introduction to probability and statistics without calculus. Topics covered include sampling, frequency distribution, elementary probability, hypothesis testing, linear regression and correlation, analysis of variance and non-parametric statistics.

Dual Enrollment Online - MUSA 1030 Music Appreciation
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course is designed to develop the student's awareness of music from many historical style periods, music from diverse cultures, and the foundations of modern streams of musical thought.

Dual Enrollment Online - PSYC 1030 General Psychology
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This is an introductory survey course focused on the scientific study of behavior and mental processes. Topics include the history of psychology, critical thinking and research methods in psychology, the biological and psychological bases of consciousness, sensation, perception, memory, learning, cognition, development across the lifespan, motivation, emotion, sexuality, stress and health, social psychology, personality, psychological disorders, and psychological therapies.

Dual Enrollment Online - Spanish 1010 - Beginning Spanish I
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Prerequisite: *See Rigorous Course Requirements*
This course emphasizes the essentials of Spanish grammar and develops reading, writing, and speaking skills in the language. Readings about Spanish cultures are included. Students must meet Motlow's required ACT score(s) prior to enrolling. Because this class serves as three hours of college credit, students must pay the standard Motlow fee. Students are also required to purchase the mandatory texts for this class. Special note: Most colleges will not accept credit for this course if the student's final grade is lower than a C.

Dual Enrollment Online - SOCI 1010 - Introduction to Sociology
1 Credit
Prerequisite: *See Rigorous Course Requirements*
This course identifies basic human relationships essential to survival in modern society and seeks to assist students in understanding and applying this knowledge in everyday life. Topics include introduction to sociology, culture, inequality and social class, political and economic orders, and the changing society. Prerequisite: Exemption from or completion of ENGL 0810 and READ 0810.

Dual Enrollment Online - 110 Introduction to Agricultural Business
1 Credit
Prerequisite: *See Rigorous Course Requirements*
An introduction to the field of agricultural business and some of the basic tools and concepts of decision-making. Concepts are illustrated in terms of selected current social and economic issues in the industry of production agriculture, agricultural business and the computer application of those concepts.

Dual Enrollment Online - 110 Introduction to Animal Science
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Fundamental principles of animal agriculture. Biological and scientific aspects of development, inheritance and feeding. Animal products and scope of the animal industry.

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Advanced Placement - Access for All

Advanced Placement Access for All (Online)

NOTE: AP Access for ALL is available to every Tennessee public school district. Every student participating has access to online advanced placement courses through Niswonger Online with the opportunity to earn free college credit. The following courses are offered to CCCHS students through the online platform ONLY.

Students receive college credit by passing the AP exam (3+).

AP 2D Art & Design
Prerequisite: *See Rigorous Course Requirements*
The AP 2-D Art and Design course is designed to be equivalent to an introductory college course in 2-D art and design. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. Develop your 2-D skills through materials and processes such as graphic design, photography, collage, printmaking, fashion illustration, and others. You'll create artwork that reflects your own ideas and skills and what you've learned.

AP 3D Art & Design
Prerequisite: *See Rigorous Course Requirements*
The AP 3-D Art and Design course is designed to be equivalent to an introductory college course in 3-D art and design. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. Develop 3-D skills in materials and processes, such as sculpture, architectural rendering and models, metal work, ceramics, glass work, and others. You'll create artwork that reflects your own ideas and skills and what you've learned.

AP Art History
Prerequisite: *See Rigorous Course Requirements*
AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context as they explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, and understanding purpose and audience in art historical analysis.

AP Biology
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Recommended: An "A or "B" in Biology and Chemistry. A 21 on the ACT or 19 PLAN test score on the Science subtest is recommended. AP Biology is designed as the equivalent of a college introductory biology course. This course is a continuation of the first year of biology but takes a more in-depth approach to all topics studied. Topics include cellular processes, molecular biology, genetics, evolutionary biology, and ecology. Units are organized according to the 4 Big Ideas of the AP Biology curricular requirements. This course is also an intensive laboratory science course for students who are interested in pursuing a biology or science major in college. A minimum of 25% instructional time is used to complete required laboratory investigations as mandated by the College Board, as well as teacher generated and online labs. Each student is required to read and learn materials outside of the text, which may not be covered in lecture. Students take the Advanced Placement exam at the end of this course. All testing fees are due within two weeks from the beginning of school. College credit may be granted by some colleges/universities for a qualifying score. AP Biology is graded on a 105-point scale.

AP Calculus AB
1 Credit
Prerequisite: *Successful completion of AP Pre-Calculus (or equivalent if transfer student), and See Rigorous Course Requirements.*
AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. Emphasis will be placed on applications of the concepts to science, business, and medicine. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Students will learn about two new mathematics concepts, the derivative which generalizes and extends their knowledge of rate of change, and the integral which generalizes and extends

their knowledge of area. Also, students will learn to use calculus to model phenomena in sciences, economics, and other disciplines. Students who are planning careers in engineering, medical science, social science, or data analysis should take AP Calculus. Also, students may receive college credit by taking the AP exam and meeting individual college requirements for the score. This course is graded on a 105-point scale.

AP Computer Science Principles
1 Credit
Prerequisite: *See Rigorous Course Requirements*
AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computation content, develops computational thinking skills, and engages students in the creative aspects of the field. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using simulations to explore questions that interest them. The course focuses on using technology and programming as a means to solve computational problems and create exciting and relevant artifacts. The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course.

AP Drawing
Prerequisite: See Rigorous Course Requirements
The AP Drawing course is designed to be equivalent to an introductory college course in drawing. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented
Develop your skills in drawing as you experiment with different materials and processes. You'll create artwork that reflects your own ideas and skills and what you've learned.

AP Environmental Science
1 Credit
Prerequisite: *See Rigorous Course Requirements*
AP Environmental Science course is designed to be an introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP Human Geography
1 Credit
Prerequisite: See Rigorous Course Requirements
The AP Human Geography course is equivalent to an introductory college-level course in human geography. Explore how humans have understood, used, and changed the surface of Earth. You'll use the tools and thinking processes of geographers to examine patterns of human population, migration, and land use.

AP English Language and Composition
1 Credit and college credit based on score on AP exam
Prerequisite: *See Rigorous Course Requirements*
This course focuses on the objectives and requirements set out by the AP English Language and Composition Course Description published by the AP College Board. This course is rigorous in order to prepare students to be successful on the AP Language Exam, which can result in a college credit for students. The amount of reading and writing is heavy for this course and oral presentations are required. This course is scored on a 105-point scale and a lab fee is requested.

AP English Literature and Composition
1 Credit
Prerequisite: *See Rigorous Course Requirements*
The AP Literature and Composition course is a college-level, literature-based course that follows the curricular requirements found in the AP English Course Description published by the College Board. Concentration is on the experience, interpretation, and evaluation of a variety of literary genres, including: fiction (novel, short story), poetry, and drama. Students write to explore,

explain, interpret, and evaluate works. Timed writing assignments and formal writing assignments concentrate on the analysis, effectiveness, and relevance of a work. Different approaches to close reading of text are utilized, and various approaches to criticism are experienced in order to enhance the student's reading experience and ultimately improve his/her written work. Vocabulary is studied continuously in context with literature. Students have the option to take the Advanced Placement Examination in English Literature and Composition at the end of the school year to earn college credit. This course is graded on a 105-point scale. A list of required materials will be provided at the beginning of each year. An English fee may also be requested. Students will take the AP exam and the testing fee is due within two weeks of the beginning of school.

AP Macroeconomics
1 Credit
Prerequisite: *See Rigorous Course Requirements*
AP Macroeconomics is an introductory college-level macroeconomics course. Students cultivate their understanding of the principles that apply to an economic system as a whole by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like economic measurements, markets, macroeconomic models, and macroeconomic policies.

AP Microeconomics
1 Credit
Prerequisite: *See Rigorous Course Requirements*
AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

AP Physics I – Teacher Recommendation
1 Credit
Prerequisite: *See Rigorous Course Requirements*
Recommended: Enrollment or Successful completion of Geometry and be currently enrolled in Algebra 2
Students will explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. This course is fast-paced and lab heavy. Successful completion of the course will prepare the student to take the College Board Advanced Placement Examination to receive college credit. Students taking the AP exam have all testing fees are due within two weeks of the beginning of school. This course is graded on a 105-point scale.

AP Precalculus
1 Credit
Prerequisites: Successful completion of Geometry, Algebra I and Algebra II. Also see Rigorous Course Requirements.
This course centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Furthermore, as AP Precalculus may be the last mathematics course of a student's secondary education, the course is structured to provide a coherent capstone experience and is not exclusively focused on preparation for future courses. Also, students may receive college credit by taking the AP exam (required) and meeting individual college requirements for the score. This course is graded on a 105-point scale.

AP Psychology 1 credit
Prerequisite: *See Rigorous Course Requirements*
AP Psychology is a course that provides instruction in each of the following 14 content areas: History and approaches, Research methods, Biological bases of behavior, Sensation and perception, States of consciousness, Learning, Cognition, Motivation and emotion, Developmental psychology, Personality, Testing and individual differences, Abnormal psychology. Students will learn ethics and research methods used in psychological science and practice. This course is graded on a 105-point scale.

AP Spanish Language and Culture

1 Credit

Prerequisite: *See Rigorous Course Requirements*

AP Spanish Language and Culture is equivalent to an intermediate level college course in Spanish. Students cultivate their understanding of Spanish language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges.

AP Statistics

1 Credit

Prerequisite: Successful completion of Geometry and Algebra II, and See Rigorous Course Requirements.

Statistics is the science of collecting, analyzing, and drawing conclusions from data. Statistics is one of the most practical and widely applied courses (not just in math) that you will ever take. Every day in the newspaper there are many articles describing statistical studies, including surveys, political polls, medical research and experiments. The course exposes students to four broad conceptual themes: exploratory analysis, planning a study, modeling using probability and simulation, and testing hypotheses using statistical inference. Students do not need to be a top rate mathematician; however, they need strong reasoning and communication skills. Expectations are high, and you will need to think hard about the concepts. The AP Exam consists of 50% multiple choice and 50% free response questions, and students may receive college credit by passing the AP exam and meeting individual college requirements. This course is graded on a 105-point scale.

AP U. S. Government & Politics

½ Credit

Prerequisite Recommended: *See Rigorous Course Requirements*

Students will study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.

AP U.S. History

1 Credit

Prerequisite Recommended: *See Rigorous Course Requirements*

AP U.S. History is a survey course oriented to mature, responsible, college-bound students. The course, which covers pre-contact through current events, is divided into 9 units of study. It is structured and taught as an introductory college course, with emphasis on historical analysis, writing, research and preparation for the national Advanced Placement exam. Students in APUSH will complete projects and various other creative projects and group work. This course is graded on a 105-point scale.

Career & Technical Education

Career & Technical Education

Advanced Manufacturing

NOTE: The following trade and industry courses provide students the opportunity to develop leadership and interpersonal skills through the participation in SkillsUSA.

Machining Technology

Principles of Manufacturing I
1 Credit
Prerequisite: None
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. 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.

Principles of Machining II
1 Credit
Prerequisite: Principles of Manufacturing
This course focuses on the essential principles that must be mastered in order to be an effective participant in manufacturing production work. The course is intended for students who are interested in production that integrates machining and engineering. The course covers professional communications with customers, quality principles and processes, systems, information in the workplace, the process of product design to machine parts, and statistical process control. Welding and small fabrication techniques will be covered in this course. The student will be trained on all manual machining processes for the lathe and the milling machine. Basic sawing, cutting and drilling operations will be taught. Small projects that encompass the manual machines will be assigned during the course.
EPSO/Certifications: NC3 Measurement Certification

Principles of Machining III
1 Credit
Prerequisite: Completion of or current enrollment in Principles of Machining I
This course focuses on concepts and practices that support careers in manufacturing, machining, tool-making, industrial maintenance, metrology, automation, industrial design, or industrial support. The course introduces the technology of machining and manufacturing processes. Emphasis is placed on quality control, codes and standards, and production systems. The Casting and foundry operations will support the parts and materials for the machining course. CNC (computer numerical control) training will be heavily focused to prepare the student for programming and operating of the HAAS vertical mills and lathe. The student will be introduced to the AutoCAD Inventor to program and use in the CNC programming process.
EPSO/Certifications: NC3 Measurement Certification

Dual Enrollment Machine Technology I-V
5 Possible Credits

Industrial Maintenance Technology

Principles of Manufacturing I
1 Credit
Prerequisite: None
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. 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.

Introduction to Industrial Maintenance II
1 credit
Prerequisite: Principles of Manufacturing
Introduction to Industrial Maintenance is a foundational course that introduces students to basic industrial maintenance skills necessary in a manufacturing facility. Topics covered include safety, construction drawings, site layout, hand and power tools, linear and angular measurements, and application of algebraic and geometric principles to construction problems. Upon completion of this course, proficient students will be able to understand, describe, and troubleshoot industrial maintenance systems.

Introduction to Industrial Maintenance III
1 credit
Prerequisite: Principles of Manufacturing, Introduction to Industrial Maintenance
Advanced Industrial Maintenance is designed to provide students with the knowledge and skills to effectively perform industrial maintenance procedures in an advanced manufacturing facility. Students in this course develop proficiency in a vast array of electromechanical domains, including: fundamental safety practices in electromechanical technology, shielded metal arc welding (SMAW), basic metal inert gas (MIG) welding, electrical systems, AC and DC motors, calibrating instruments, drive systems, pipe fabrication, hydraulic systems, pumps, digital electronics, programmable logic controllers (PLC), and troubleshooting procedures. Upon completion of this course, proficient students will be prepared to pursue postsecondary electromechanical technology programs and entry-level industrial maintenance technology careers in the advanced manufacturing industry.

Dual Enrollment Industrial Maintenance Technology I-V
5 Possible Credits
Prerequisite: Principles of Manufacturing
The Industrial Maintenance program is designed to give students general skills in a variety of areas common to industry. Cross training enables a student to have knowledge in several areas and not be limited to one field of expertise that could become outdated. Bringing multiple skills to the workplace enhances the employee's value to the employer. The industrial maintenance technician is responsible for the troubleshooting, disassembly, repair, and assembly of hydraulic, pneumatic, mechanical, and electrical systems on industrial machinery. This is a Dual Enrollment course taught by the CCHS Industrial Maintenance instructor on our campus. DE students are allowed to participate in as many sections as their schedule allows and as approved by both counselor and instructor. This is an hourly accruement course as it pertains to completing TCAT Trimester hours. These hours are eligible to be used at any TCAT within the state of TN.

Robotics & Technology

Principles of Engineering and Technology (I)
1 Credit
Prerequisite: None
This course offered at CCRA

Digital Electronics (II)

1 Credit

Prerequisite: Principles of Engineering I

Digital Electronics 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. Standards in this course outline what students must know and do in order to (1) describe basic functions of digital components (including gates, flip flops, counters, and other devices upon which larger systems are designed), (2) use these devices as building blocks to design larger, more complex circuits, (3) implement these circuits using programmable devices, and (4) effectively communicate designs and systems. Students develop additional skill in technical documentation when operating and troubleshooting circuits. Upon completion of the *Digital Electronics* course, students will be able to design a complex digital system and communicate their designs through a variety of media. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics. *****

Robotics & Automated Systems (III)

1 Credit

Prerequisite: Principles of Engineering I and Digital Electronics II

Robotics & Automated *Systems* is an applied course for students who wish to explore how robots and automated systems are used in industry. Building on the content and critical thinking frameworks of *Principles of Engineering* and *Digital Electronics*, this course asks students to follow the engineering design process and apply basic programming skills to complete assignments and projects. Upon completion of this course, proficient students will have an understanding of the historical and current uses of robots and automated systems; programmable circuits, interfacing both inputs and outputs; ethical standards for engineering and technology professions; and testing and maintenance of robots and automated systems.

Engineering Practicum (IV)

1 Credit

Prerequisite: Principles of Engineering I, Digital Electronics II and Robotics III

Engineering Practicum is a capstone course intended to provide students with the opportunity to apply the skills and knowledge learned in previous Engineering courses within a professional, working environment. In addition to developing an understanding of the professional and ethical issues encountered by engineers and technologists in the workplace, students learn to refine their skills in problem solving, research, communication, data analysis, teamwork, and project management. The course is highly customizable to meet local system needs: instruction may be delivered through school laboratory training or through work-based learning arrangements such as internships, cooperative education, service learning, mentoring, and job shadowing. Upon completion of the practicum, students will be prepared for postsecondary study in engineering and technology fields.

Welding

Principles of Manufacturing I

1 Credit

Prerequisite: None

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. 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.

Welding I

1 Credit

Prerequisite: Principles of Manufacturing

Welding I is designed to provide students with the skills and knowledge to effectively perform cutting and welding applications used in the advanced manufacturing industry. Students enrolled in this course will develop proficiency in fundamental safety practices in welding, interpreting drawings, creating computer aided drawings, identifying and using joint designs, efficiently laying out parts for fabrication, basic shielded metal arc welding (SMAW), mechanical and thermal properties of metals, and quality control
EPSO/Certifications: OSHA 10 Certification

Welding II
1 Credit
Prerequisite: Welding I
Welding II is designed to provide students with opportunities to effectively perform cutting and welding applications of increasingly complexity used in the advanced manufacturing industry. Proficient students in this course will build on the knowledge and skills of the *Welding I* course and apply them in novel environments, while learning additional welding techniques not covered in previous courses. Specifically, students will be proficient in (1) fundamental safety practices in welding, (2) gas metal arc welding (GMAW), (3) flux cored arc welding (FCAW), (4) gas tungsten arc welding (GTAW), and (5) quality control methods.

Agricultural

NOTE: The following Ag Ed. courses provide students the opportunity to develop leadership and interpersonal skills through the participation in FFA (Future Farmers of America). You must be enrolled in one of the courses in order to be an FFA member. Students will have the opportunity to compete and travel as members of the FFA.

Veterinary and Animal Science

Agriscience
1 Credit
Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirements. Students are highly recommended to begin their SAE project and participate in FFA activities.

Small Animal Science (I)
1 Credit
Recommended Prerequisite: Agriscience
Small Animal Science is an intermediate course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of small animals, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for more advanced coursework in veterinary and animal science.

Large Animal Science (II)
1 Credit
Prerequisite: Small Animal
This is an applied course in veterinary and animal science for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers anatomy and physiological systems of different groups of large animals, as well as careers, leadership, and history of the industry

Veterinary Science (III)
1 Credit
Prerequisite: Small Animal and Large Animal
Recommended: Interest in a career as a livestock producer, vet tech, or veterinarian. This is an advanced course in animal science and care for students interested in learning more about becoming a veterinarian, vet tech, vet assistant, or pursuing a variety of scientific, health, or agriculture professions. This course covers principles of health and disease, basic animal care and nursing, clinical and laboratory procedures, and additional industry-related career and leadership knowledge and skills.

Agricultural Engineering, Industrial, and Mechanical Systems

Agriscience

1 Credit

Agriscience is an introductory laboratory science course that prepares students for biology, subsequent science and agriculture courses, and postsecondary study. This course helps students understand the important role that agricultural science and technology plays in the twenty-first century. In addition, it serves as the first course for all programs of study in the Agriculture, Food, & Natural Resources cluster. Upon completion of this course, proficient students will be prepared for success in more advanced agriculture and science coursework. This course counts as a lab science credit toward graduation requirements.

Agricultural Mechanics (II)

1 Credit

Recommended Prerequisite: Agriscience

Principles of Agricultural Mechanics is an intermediate course introducing students to basic skills and knowledge in construction and land management for both rural and urban environments. This course covers topics including project management, basic engine and motor mechanics, land surveying, irrigation and drainage, agricultural structures, and basic metalworking techniques. Upon completion of this course, proficient students will be prepared for more advanced coursework in agricultural mechanics.

Agricultural Power and Equipment (III)

1 credit

Prerequisite: Agricultural Mechanics

Agricultural Power and Equipment is an applied course in agricultural engineering with special emphasis on laboratory activities involving small engines, tractors, and agricultural equipment. The standards in this course address navigation, maintenance, repair, and overhaul of electrical motors, hydraulic systems, and fuel powered engines as well as exploration of a wide range of careers in agricultural mechanics. Upon completion of this course, proficient students will be able to pursue advanced training in agricultural engineering and related fields at a postsecondary institution.

Supervised Agricultural Experience (IV)

1 Credit

Prerequisite: Ag Power and Equipment or Large Animal

Supervised Agricultural Experience (SAE) is the delivery model for Work-Based Learning (WBL) used in approved AFNR programs. It consists of two levels, Foundational and Immersion. Foundational SAE is career generic and focused on career exploration & planning, personal finance, workplace safety, college and career skills, and general agricultural literacy. Foundational SAE meets CTE Career Exploration and Planning expectations. Immersion SAE will meet WBL capstone experience requirements for CTE credit and consists of entrepreneurship, internships, research, school-based enterprise, and service-learning activities.

Arts, Entertainment and Design

NOTE: The following trade and industry courses provide students the opportunity to develop leadership and interpersonal skills through the participation in SkillsUSA and/or FBLA

Digital Arts

Digital Arts and Design I

1 Credit

Prerequisites: None

Digital Arts and Design I is a course that builds a strong understanding of the principles and elements of design. Students will use various hardware (PCs, drawing tablets, DSLR cameras, and video cameras), software and multimedia tools to develop digital communications including logos, posters, videos, etc. Creative design, persuasive communications, and language arts skills are applied through research, evaluation, validation, written, and oral communication. Course topics include illustration, typography, photography, layout and design guidelines, and careers in the multimedia field. Copyright laws and ethical practices are reinforced in creating and formatting various presentations that require imported data/graphics, digital, audio, and video clips. Team participation and development will also be stressed as students work on multimedia project(s). Laboratory facilities and experiences simulate those found in business and industry. Students will begin 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. The student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Digital Arts and Design II

1 Credit

Prerequisite: Digital Arts and Design I

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. Team participation and development will also be stressed as students work on various multimedia projects. Laboratory facilities and experiences simulate those found in business and industry. The student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Digital Arts and Design III

1 Credits

Prerequisite: Digital Arts and Design II

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, **with a focus on animation**. 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 digital portfolio, which they will carry with them throughout the full sequence of courses in this program of study.

Audio/Visual Production

A/V Production I

1 credit

Prerequisites: None

This is a foundational course for students interested in audio/visual production occupations. Upon completion, proficient students will be able to explain and complete the phases of the production process including pre-production, production, and post-production. The course is designed to give students training in electronic media communications and prepare them for possible

careers in the areas of media throughout the world including production, business, behind the camera, or media law. Students will be educated in all aspects of radio communications including writing a news script, editing audio, and producing a radio newscast. Students will also be given an introduction to visual media, including correct camera techniques and news writing to pictures. Students will also learn the history of electronic media, career exploration, safety procedures outlined by OSHA, and examine how media laws are regulated. Students will begin to compile a portfolio to be used throughout the full sequence of courses.

A/V Production II

1 credit

Prerequisites: A/V Production I

A/V Production II is the second course in the A/V Production program of study intended to prepare students for a career in audio/visual production. Building on knowledge acquired in A/V Production I, this course advances technical skill in utilizing industry equipment related to lighting and audio, and it places special emphasis on planning productions.

Proficient students will be able to plan, capture, and edit research-based productions of increasing complexity, 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. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards for Physical World Concepts, Physical Science, and Physics. *

A/V Production III

1 credit

Prerequisites: A/V Production II

A/V Production III is an applied-knowledge course intended to prepare students to pursue careers and postsecondary learning in audio/visual production. Students in this course will apply knowledge and skills from previous courses in the program of study to create productions both independently and in teams, with the option of participating in a work-based learning experience for additional credit. Students will use industry equipment and technology to complete all phases of the production process, including planning, coordinating, capturing, editing, and distributing.

Applied Arts Practicum –Yearbook

1 Credit

Prerequisite: Teacher approval

Yearbook is an application-based course that teaches students the production and communication skills of journalism. Students must be willing to conduct interviews, sell advertisements, take photos inside and outside of school, submit all pages on time, and work in all other areas of production. Students will learn computer skills, digital photography, photo correction, graphic design, theme development, and all other applications necessary to complete the yearbook. Yearbook is a student-led organization with top level positions of Editor-in-Chief and Business Manager. Leadership skills will be developed within the staff to train new staff members and to prepare students for leadership positions as they progress through the program. Although yearbook staff members are expected to continue on staff from year to year, positions are not guaranteed. All members must reapply for positions. Yearbook specific computer programs will be used along with other word processing and spreadsheet applications to accomplish the varied tasks in yearbook design and completion. Yearbook staff members must maintain a predetermined level of attendance and academic achievement to remain on the staff. Applicants must complete an application, meet academic and behavioral minimums, and complete a staff interview. The final selection will only be made by teacher approval.

Civics, Public Service & Safety

NOTE: The following trade and industry courses provide students the opportunity to develop leadership and interpersonal skills through the participation in SkillsUSA.

Criminal Justice and Corrections Services

Criminal Justice I

1 Credit

Prerequisite: None

Criminal Justice I is the first of three courses designed to help the student gain a better understanding of the criminal justice system and how it works. The first level will discuss careers that include, but are not limited to, forensics, criminology, Federal Bureau of Investigations, Tennessee Bureau of Investigations, law enforcement, and the study of law. Students will be exposed to firsthand experience and knowledge of those individuals engaged in careers in criminal justice. Students will gain a better understanding of the state, federal, and international law. The class will focus on advancements in technology and the new fields of careers available in the field of criminal justice. Students will also be instructed in the technique of CPR (Cardiopulmonary Resuscitation).

Criminal Justice II

1 Credit

Prerequisite: Criminal Justice I

Students will engage in open debates and conversations concerning current criminal justice careers and the issues surrounding those careers. Students will use their critical thinking ability to engage in discussions concerning the issues involving local, state, federal, and international laws. Students will learn about international opportunities in the field of criminal justice. They will actively participate in role playing in the form of mock trials, crime scene investigation and open debates. Students will witness firsthand the issues and working of certain fields through the use of guest speakers and field trips. Students will perform forensic lab experiments to further their knowledge of technology and its advancements in the field. Dual Credit Students - *Upon completion of this course, dual credit students will be tested and possibly earn three hours of college credit for the course. *

Criminal Justice II - LDC Motlow

1 Credit

Prerequisite: Criminal Justice I

Students will engage in open debates and conversations concerning current criminal justice careers and the issues surrounding those careers. Students will use their critical thinking ability to engage in discussions concerning the issues involving local, state, federal, and international laws. Students will learn about international opportunities in the field of criminal justice. They will actively participate in role playing in the form of mock trials, crime scene investigation and open debates. Students will witness firsthand the issues and working of certain fields through the use of guest speakers and field trips. Students will perform forensic lab experiments to further their knowledge of technology and its advancements in the field. Dual Credit Students - * Upon completion of this course, dual credit students **will** be tested and have the opportunity to earn three hours of college credit for the Criminal Justice 1010 course.

Criminal Justice III

1 Credit

Prerequisite: Criminal Justice II

Students will work together as teams to investigate and analyze a crime scene. Students will conduct investigations and forensic science experiments in order to further gain an understanding of the forensic science field. Some of these experiments will include, but not limited to, fingerprinting, facial reconstruction, and DNA. Students will analyze how the area of forensic science affects the gathering and analysis of evidence, extending to an understanding of laboratory equipment necessary in the field of forensic science. Students will further explore how the area of forensic science affects the outcomes in a court of law. *Upon completion of this course, students will be tested and possibly earn three hours of Motlow college credit for the course. *

Criminal Justice Practicum (III Honors)
1 Credit
Prerequisite: Criminal Justice II
Criminal Justice Practicum is a capstone course in the Law Enforcement and Correction Services program of study that provides a practicum experience for students as they develop an understanding of professional and ethical issues. The capstone course will be based on the knowledge and skills from previous courses in the Law Enforcement and Correction Services program of study. Upon completion of the course, students will be proficient in components of communication, critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, and teamwork. Instruction may be delivered through school-based laboratory training with an emphasis in crime scene investigations.

Work-Based Learning - Career Practicum (Internship)– Criminal Justice
1-2 Credits
Prerequisite: 12th grade, teacher approval, enrolled in Criminal Justice III
Work-Based Learning - Criminal Justice – Students engage in unpaid internships outside of school that will assist students in gaining a better understanding of the workplace. Students will engage in tasks and activities related to the field of criminal justice while exploring career opportunities. Internships are work-based activities where students work with an employee for a specified period of time (each session is 9 weeks) to learn about a particular occupation or industry. Working with businesses and industries demonstrate to students the academic requirements needed to be successful. These positions must be pre-approved and require an application process.

Construction

NOTE: The following trade and industry courses provide students the opportunity to develop leadership and interpersonal skills through the participation in SkillsUSA

Architectural & Engineering Design (Drafting)

AED I (Drafting I)
1 Credit
Prerequisite: None
Architectural & Engineering Design I is a foundational course in the Architecture & Construction cluster for students interested in a variety of engineering and design professions. Upon completion of this course, proficient students will be able to create technical drawings of increasing complexity, and utilize these skills to complete the design process and communicate project outcomes. Students will build foundational skills in freehand sketching, fundamental technical drawing, and related measurement and math. Standards in this course also include career exploration within the technical design industry, as well as an overview of the history and impact of architecture and engineering. 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.
EPSO/Certifications: OSHA 10 Certification

AED II (Drafting II)
1 Credit
Prerequisite: AED I (Drafting I)
Recommended Algebra 1 or Technical Algebra, Geometry or Technical Geometry
Architectural & Engineering Design II is the second course in the *Architectural & Engineering Design* program of study. Students in this course build their skills in developing and representing design ideas using technical drawing and modeling techniques, and apply the design process to solve design problems. Upon completion of this course, proficient students will be able to use CAD software to create multi-view, sectional view, auxiliary view, and three-dimensional drawings using industry standard dimensioning and notation. Students will connect drawings with actual physical layouts by building models based on drawings, creating drawings based on objects and other physical layouts, and using software to create basic three-dimensional models. 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.

AED III – A Architectural (Drafting III-A)

1 Credit

Prerequisite: AED I and AED II (Drafting II)

Recommended Algebra 1 or Technical Algebra, Geometry or Technical Geometry

Architectural & Engineering Design III is the third course in the *Architectural & Engineering Design* program of study. In this advanced course, students will apply technical drawing and design skills developed in the previous courses to specific architectural projects and contexts. In the process, students will expand their problem-solving and critical-thinking skills by assessing the requirements of a project alongside the available resources in order to accomplish realistic planning. Upon completion of this course, proficient students will be able to employ methods of data collection and analysis to provide others with appropriate information for projects and to develop their own designs. Students will also be able to engage with industry-specific technology to create visual representations of project outcomes. 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.

AED III - B Mechanical (Drafting III-B)

1 Credit

Prerequisite: AED I and AED II (Drafting II)

Recommended Algebra 1 or Technical Algebra, Geometry or Technical Geometry

Architectural & Engineering Design III is the third course in the *Architectural & Engineering Design* program of study. In this advanced course, students will apply technical drawing and design skills developed in the previous courses to specific mechanical projects and contexts. In the process, students will expand their problem-solving and critical-thinking skills by assessing the requirements of a project alongside the available resources in order to accomplish realistic planning. Upon completion of this course, proficient students will be able to employ methods of data collection and analysis to provide others with appropriate information for projects and to develop their own designs. Students will also be able to engage with industry-specific technology to create visual representations of project outcomes. 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.

Residential & Commercial Construction

Residential & Commercial Construction I

1 Credit

Prerequisite: None

Residential & Commercial Construction I is designed 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 earlier phases of building construction, including site layout, foundation systems, concrete, framing systems, and electrical systems. Students will be able to perform concrete work; frame walls, ceilings, and floors of a structure; and install proper wiring while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts.

Residential & Commercial Construction II

1 Credit

Prerequisite: R&C Construction I

Residential & Commercial Construction IIA is the second course in the Residential & Commercial Construction program of study 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. Students will be able to perform masonry work; frame roofs; install shingles on roofs; apply exterior finishes; and install proper piping for plumbing systems while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on demonstrating proper measurement and application of mathematical concepts.

Construction Practicum III

1 Credit

Prerequisite: R&C Construction IIA

Construction Practicum is the third course in the Residential & Commercial Construction program of study 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. Students will be able to perform masonry work; frame roofs; install shingles on roofs; apply exterior finishes; and install proper piping for plumbing systems while safely employing tools and interpreting construction drawings to complete projects. Emphasis is placed on completing projects designed to encompass all aspects of construction.

Digital Technology

NOTE: The following business courses provide students the opportunity to develop leadership and interpersonal skills through the participation in FBLA (Future Business Leaders of America). *YOU MUST BE ENROLLED IN ONE OF THESE COURSES IN ORDER TO BE AN FBLA MEMBER.*

Coding

Computer Science Foundations

1 Credit

Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue. This course is used for all students to meet the new graduation requirement.

Coding I

1 Credit

Prerequisite: Computer Science Foundations

Coding I 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.

Coding II

1 Credit

Prerequisite: Coding 1

Coding II challenges students to develop advanced skills in problem analysis, construction of algorithms, and computer implementation of algorithms as they work on programming projects of increased complexity. In so doing, they develop key skills of discernment and judgment as they must choose from among many languages, development environments, and strategies for the program life cycle. Course content is reinforced through numerous short- and long-term programming projects, accomplished both individually and in small groups. These projects are meant to hone the discipline and logical thinking skills necessary to craft error-free syntax for the writing and testing of programs. Upon completion of this course, proficient students will demonstrate an understanding of object-oriented programming language using high-level languages such as FOCUS, Python, or SAS.

Cybersecurity

Computer Science Foundations I
1 Credit
Computer Science Foundations (CSF) is a course intended to provide students with exposure to various information technology occupations and pathways such as Networking Systems, Coding, Web Design, and Cybersecurity. As a result, students will complete all core standards, as well as standards in two of four focus areas. Upon completion of this course, proficient students will be able to describe various information technology (IT) occupations and professional organizations. Moreover, they will be able to demonstrate logical thought processes and discuss the social, legal, and ethical issues encountered in the IT profession. Depending on the focus area, proficient students will also demonstrate an understanding of electronics and basic digital theory; project management and teamwork; client relations; causes and prevention of Internet security breaches; and writing styles appropriate for web publication. Upon completion of the CSF course, students will be prepared to make an informed decision about which Information Technology program of study to pursue. This course is used for all students to meet the new graduation requirement.

Cybersecurity I
1 Credit
Cybersecurity I 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 able to demonstrate and understand 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. Cybersecurity affects everyone in the technological age the world now finds itself in. The simple definition of the course description above is Cybersecurity are the techniques and practices that protect and secure our information systems but most importantly, our data and identity. Businesses and organizations' most valuable assets are their data systems - people who can protect those systems are invaluable and indispensable.

Cybersecurity II
1 Credit
Prerequisite: Cybersecurity I
Cybersecurity II challenges students to develop advanced skills in concepts and terminology of cybersecurity. This course builds on previous concepts introduced in Cybersecurity I while expanding the content to include malware threats, cryptography, wireless technologies and organizational security. Upon completion of this course, proficient students will be demonstrating an understanding of cybersecurity ethical decisions, malware threats, how to detect vulnerabilities, principles of cryptology, security techniques, contingency plan techniques, security analysis, risk management techniques, and advanced methods of cybersecurity.

Education

NOTE: The following education courses provide students the opportunity to develop leadership and interpersonal skills through the participation in SkillsUSA.

Teaching as a Profession (PK-12)

Teaching as a Profession I
1 Credit
First year will be open to all grades 10 - 12
Teaching as a Profession I (TAP I) is an intermediate course for students interested in learning more about becoming a school counselor, teacher, librarian, or speech-language pathologist. This course covers the components of instruction, teaching strategies, types of assessments, student learning, special populations, and educational technology.

Teaching as a Profession II
1 Credit
Prerequisite: TAP I
Teaching as a Profession II (TAP II) is an applied-knowledge course for students interested in learning more about becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. This course covers classroom management, concepts of higher order thinking, differentiating instruction, and strategies of effective classroom planning. Students in this course will demonstrate their skills in laboratory settings while building a course portfolio of work, which will carry with them throughout the program of study.

Teaching as a Profession Practicum (III)
1 Credit
Prerequisite: TAP II
Teaching as a Profession (TAP) Practicum is a capstone course in the Education and Training career cluster for students interested in applying the knowledge and skills learned in previous courses toward becoming a teacher, school counselor, trainer, librarian, or speech-language pathologist. The course covers classroom professionalism, ethics, policies, communications, and career requirements in education and training fields. In addition, students will complete an internship and continue to create artifacts for their student portfolios. Upon completion of this course, proficient students will be prepared to pursue advanced training at a postsecondary institution. Students will complete Career Safe Certification as a part of their coursework.

Work-Based Learning- TAP Internship
1-2 Credits
Prerequisite: 12th grade, teacher approval, students that have completed the first 2 TAP courses will be part of an internship program rotating between other Coffee County Schools working and learning first hand.
**See work-based learning policies for additional information and qualifications. See TAP Instructor for these forms and prior approval. **

Healthcare and Human Services

NOTE: The following Human Service courses provide students the opportunity to develop leadership and interpersonal skills through the participation in FCCLA. Cosmetology courses participate with SkillsUSA and Health Science courses participate in HOSA.

Cosmetology

Cosmetology I
1 Credit
Prerequisite: None
This is the first level of cosmetology, and it prepares students with work-related skills for advancement into the Cosmetology II course. Content stresses safety, environmental issues, and protection of the public and designers as integrated with principles of hair design, nail structure and cosmetic procedures. Laboratory facilities simulate those found in the cosmetology industry.

Cosmetology II
1 Credit
Prerequisite: Cosmetology I
This is the second level of cosmetology and prepares students in both theory and practical application. Advanced knowledge and skills in hair design, nail artistry, and cosmetic applications will be enhanced in a laboratory setting that duplicates cosmetology industry standards.

Cosmetology III
1 Credit
Prerequisite: Cosmetology II
Cosmetology III is the advanced or third level of cosmetology and it prepares students to perform work-related services using chemicals in the cosmetology industry. Content provides students the opportunity to acquire foundation skills in both theory and practical applications. Laboratory facilities and experiences will be used to simulate cosmetology work experiences.

Dual Enrollment Cosmetology I-V

1-5 Credits

DE Cosmetology is a joint venture between Coffee County Schools and Tennessee Career and Technical Center of McMinnville. This course is designed to meet both high school credit requirements as well as post-secondary credits to be used at any TCAT upon graduation. The Cosmetology Program's mission is to provide the necessary training in theory and clinical knowledge for the student to be successful with the cosmetology industry. Instruction is designed to qualify students for employment upon graduation and to aid in the passing of the State Board of Cosmetology Licensing Exam, which consists of a written test and practical test. Licensing is required for individuals to be employed as cosmetologists in the State of Tennessee. Classroom instruction and practical learning experiences are interwoven into a variety of beauty treatments, including the care and beautification of hair, complexion, and hands. The course of study includes hands-on and classroom instruction in all areas of styling, cutting, chemical services, nail care, makeup, and all safety/sanitary guidelines enforced by the state board. DE students are allowed to participate in as many sections as their schedule allows as approved by both counselor and instructor. This is an hourly accruement course as it pertains to completing TCAT Trimester hours. These hours are eligible to be used at any TCAT within the state of TN.

Human and Social Services

Introduction to Human Studies (I)

1 Credit

Introduction to Human Studies is a foundational course for students interested in becoming a public advocate, social worker, dietician, nutritionist, counselor, or community volunteer. This course covers the human needs, overview of social services, career investigation, mental health, and communication. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. Standards in this course are aligned with Tennessee Common Core State Standards for English Language & Literacy in Technical Subjects, as well as the Tennessee Psychology and Sociology standards, and the National Standards for Family and Consumer Sciences Education, Second Edition. *

Lifespan Development (I)

1 Credit

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. Standards in the course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, as well as Tennessee Biology I, Psychology, and Sociology standards, and National Standards for Family and Consumer Sciences Education, Second Edition.

Family Studies (II)

1 Credit

Family Studies is an applied knowledge course that examines the diversity and evolving structure of the modern family. Course standards focus on the demographic, historical, and social changes of interpersonal relationships, as well as parenting, and the effect of stressors on the family. Artifacts will be created for inclusion in a portfolio, which will continue to build throughout the program of study. Standards in the course are aligned with Tennessee Common Core State Standards for English Language
Arts & Literacy in Technical Subjects, as well as Tennessee Psychology, Scientific Research, Sociology, and US History standards and the National Standards for Family and Consumer Sciences Education, Second Edition.

Human Services Practicum (III)

1 Credit

Prerequisite: Family Studies II

Human Services Practicum is a capstone course in the Human Services career cluster that provides a practicum experience for students as they develop an understanding of professional and ethical issues. The capstone course will be based on the knowledge and skills from previous courses in the human services cluster. Upon completion of the course, students will be proficient in components of communication, critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, and teamwork. Instruction may be delivered through school-based laboratory training or through work-based learning arrangements such as cooperative education, mentoring, and job shadowing.

Therapeutic Services and Nursing Services

Health Science Education (I)
1 Credit
Prerequisite: None
This course serves as the foundation for the other health science courses. It includes basic health care information of services/products related to the health of individuals. The roles and responsibility of medical professionals and direct service staff will be discussed. Basic information concerning individual and family health practices will be offered, encouraging promotion of healthy lifestyles. This course emphasizes career choices, skill development, and application of health concepts relative to becoming a healthcare professional. Skills included in the class include hand-washing, assessment of temperature, pulse, respiration, and blood pressure, CPR skills and first aid. Participation in HOSA is encouraged.
EPSO/Certifications: OSHA 10 Certification

Anatomy and Physiology (II)
1 Credit
Prerequisite: Health Science Education I, Biology
Anatomy and Physiology is an upper-level course 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, respiratory, excretory and reproductive systems. This course will offer a Dual Credit opportunity for students to test at the end of the course and if passed receive the Pre-Practical Nursing A&P 80-hour credential.

Medical Therapeutics (III)
1 Credit
Prerequisite: Health Science
This course provides knowledge and skills to maintain or change the health status of an individual over time. It emphasizes therapeutic career choices, such as dental assistance, medical assistance, dietetics, physical therapy, etc. Skills obtained in this course include hand washing, assessment of vital signs and height/weight, CPR, first aid, oral hygiene, basic client transfers, specimen collection, and body mechanics. Participation in HOSA is encouraged.

Nursing Education (IV)
2 credits
Requirement: Senior only, Teacher will have final approval of all students selected for this class.
STUDENTS MUST APPLY FOR THIS CLASS AND SELECTED BY THE TEACHER THRU THE APPLICATION PROCESS.

MAXIMUM NUMBER OF STUDENTS IS 15

Prerequisites- Must have completed Health Science Education, and Medical Therapeutics. ** Must have all 3 classes, Health Science, Medical Therapeutics, AND Anatomy and Physiology
Nursing Education consists of 18 units of study dealing with direct bedside nursing care. Clinical experience will consist of supervised practice in the nursing home, as well as demonstration in the classroom. Students can be registered by Tennessee Department of Health- after the completion of the course, 100 hours clinical and theory, passing a state test (both written and skills) – and will be job ready as a Certified Nursing Assistant.
Nursing Education is a capstone course 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. At the conclusion of this course students may sit for the Certified Patient Care Technician (CPCT) exam, **OR** if students have logged 40 hours of classroom instruction and 20 hours of classroom clinical instruction, and if they have completed 40 hours of site-based clinical with at least 24 of those hours spent in a long-term care facility through a Department of Health approved program, they are eligible to take the certification examination as a Certified

Hospitality and Events

NOTE: The following Hospitality and courses provide students the opportunity to develop leadership and interpersonal skills through the participation in FCCLA.

Culinary Arts

Culinary Arts I
1 Credit
Prerequisite: None
Culinary Arts I equips students with the foundational knowledge and skills to pursue careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Upon completion of this course, proficient students will have knowledge in the components of commercial kitchen safety and sanitation, history of the foodservice industry, careers, nutrition, recipe basics, proper kitchen tools and equipment, and kitchen staples. Throughout the course 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.

Culinary Arts II
1 Credit
Prerequisite: Culinary Arts I
Culinary Arts II is an applied-knowledge course to prepare students for careers in the culinary field as a personal chef, caterer, executive chef, and food and beverage manager. Upon completion of this course, proficient students will have an understanding of commercial kitchen safety and sanitation, menu planning, food presentation, purchasing and inventory, preparation skills, cooking principles, and food preparation. 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.

Culinary Arts III
1 Credit
Prerequisite: Culinary Arts II
Culinary Arts III is an advanced course intended to further equip 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.

Culinary Arts IV
1 Credit
Prerequisite: Culinary III enrollment and/or completion (teacher approved)
Continuation of the Culinary Arts program. Will be more specific to Diner 45 and the catering services offered by the program.

Management & Entrepreneurship

NOTE: The following business courses provide students the opportunity to develop leadership and interpersonal skills through the participation in FBLA (Future Business Leaders of America). *YOU MUST BE ENROLLED IN ONE OF THESE COURSES IN ORDER TO BE AN FBLA MEMBER.*

Accounting

Introduction to Business & Marketing

Introduction to Business and Marketing is an introductory 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 course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Accounting I

1 Credit

This course introduces concepts and principles based on a double-entry system of maintaining the electronic and manual financial records of a sole proprietorship, partnership, and corporation. It includes analyzing business transactions, journals, posting, and preparation of worksheets and financial statements. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Accounting II

1 Credit

Prerequisite: Accounting I 11th and 12th grade only

Accounting II is an advanced study of concepts, principles, and techniques used by businesses to maintain electronic and manual financial records. This course expands on content explored in Accounting I to cover the accounting processes of a variety of different firms, including merchandising, manufacturing, and service-oriented businesses. Upon completion of this course, proficient students will gain in-depth knowledge of business accounting procedures and their applications to business operations. Students will be prepared for postsecondary study and advanced training in accounting or business. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Business Management and Administration

Introduction to Business & Marketing - (Entry level course)

Introduction to Business and Marketing is an introductory 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 course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Business Communications (I)

1 Credit

Business Communications 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 conferencing. 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. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Business Management (II)

Business Management focuses on the development of the planning, organizing, leading, and controlling functions required for the production and delivery of goods and services. This applied knowledge course addresses the management role of utilizing the businesses' resources of employees, equipment, and capital to achieve an organization's goals. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement. ***This course substitutes for Personal Finance.***

Advanced Office Applications (III)

1 Credit

Prerequisite: 12th graders only

This course is designed to assist students in learning necessary skills in problem-solving using current and emerging integrated technology. Students learn advanced-level skills of the programs obtained in the computer applications course. This course emphasizes student choice, accountability and competency. Students work toward the attainment of high-level employable competencies in areas including integrated software applications, computer systems, communication systems, networking, ethical issues, human relations, leadership, self-management, and workplace management. This course may articulate post-secondary education. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

Certifications: Students may set for Microsoft Certification Exams

*American Business and Legal Systems Honors**

½ Credit

Prerequisite: none

This course is designed to provide students with an understanding of the legal framework in which American business functions. Students will evaluate the influence of the free enterprise system in a democratic society and will analyze the alliance between capitalism and democracy to be better prepared to influence the future decisions in the public and private sectors of the United States of America. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

*American Business and Legal Systems substitutes for the U.S. Government requirement.

*Business Economics Honors**

½ Credit

Prerequisite: none

This course provides an in-depth study of fundamental concepts, free enterprise trading practices, and the various players in the economic system. Topics focus on production, marketing and distribution of goods and services, as well as the roles of financial institutions, the government, and the individual within the free enterprise system. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

*Business Economics substitutes for the economics graduation requirement.

Marketing & Sales

NOTE: The following marketing courses provide students with the opportunity to develop leadership and interpersonal skills through the participation in DECA.

Introduction to Business & Marketing - Entry level course

Introduction to Business and Marketing is an introductory 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 course, proficient students will be equipped with the foundational skills to succeed in any of the Business, Marketing, or Finance programs of study and will be prepared to make an informed decision regarding which pathways they would like to pursue in high school.

Marketing & Management I - Principles

1 Credit

Prerequisite: None

This course provides students with a study of marketing concepts and principles and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions with emphasis on selling, promotion, product/service management, pricing and distribution. In addition, this course will explore human resource and leadership development. ***This course substitutes for Economics.***

Marketing & Management II – Advanced Strategies

1 Credit

Prerequisite: Marketing & Management I – Principles

This course is a study of marketing concepts and principles used in management. Students will examine challenges, responsibilities and risks managers face in today's workplace. Subject matter includes finance, entrepreneurship, risk management, marketing information systems, purchasing, human resource skills, and leadership development. Students enrolled in this course are responsible for the morning operations of DECA MART. Upon completion of this course, students will be tested and possibly earn three hours of Motlow college credit for the course.

Marketing Practicum- (DECA MART)

1 Credit

Prerequisite: Marketing & Management II (Teacher approval)

This is a school-based enterprise. Students enrolled in this course are responsible for the daily operations of the DECA MART.

Supply Train & Transportation

NOTE: The following trade and industry courses provide students the opportunity to develop leadership and interpersonal skills through the participation in SkillsUSA.

Automotive Maintenance and Light Repair

Maintenance and Light Repair I (MLR I)

1 Credit

Prerequisite: None

This course prepares students for entry into Maintenance and Light Repair II. Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills. Upon completing all of the Maintenance and Light Repair courses, students may enter the automotive service industry as an ASE Certified MLR Technician. Hours earned in the Maintenance and Light Report courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards. MLR I is the first course in the Automotive Technology program of study and serves as a foundation of safety skills and knowledge on becoming a professional service technician. Transportation Core, at the discretion of a local system or in the case where more than one POS in Transportation, Distribution and Logistics Cluster are being taught, may be substituted EPSO/Certifications: OSHA 10 Certification

Maintenance and Light Repair II (MLR II)

1 Credits

Prerequisite: Maintenance and Light Repair I (MLR I)

This course prepares students for entry into Maintenance and Light Repair III. Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Upon completing all of the Maintenance and Light Repair courses, students may enter the service industry with a student ASE Certified MLR Technician. Hours earned in the Maintenance and Light Report courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards.

Maintenance and Light Repair III (MLR III)

1 Credit

Prerequisite: The Maintenance and Light Repair II (MLR II)

This course prepares students for entry into Maintenance and Light Repair IV. Student's study and service suspension and steering systems and brake systems. Upon completing all of the Maintenance and Light Repair courses, students may enter the automotive service industry with a student ASE Certified MLR Technician. Hours earned in the Maintenance and Light Report courses may be used toward meeting National Automotive Technicians Education Foundation (NATEF) standards and Tennessee Department of Education standards. NATEF requires that 95% of the P-1 tasks, 80% of the P-2 tasks, and 50% of the P-3 tasks will be accomplished. These tasks are notated in these standards.

Maintenance and Light Repair IV (MLR IV)

1 Credit

Prerequisite: The Maintenance and Light Repair III (MLR III)

This course prepares students for entry into the automotive workforce or into post-secondary training. Student's study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, and practice workplace soft skills. Upon completing all of the Maintenance and Light Repair courses, students may enter the automotive service industry with a student ASE Certified MLR Technician. Students must complete MRL 1-3 before entering MRL 4.

Work- Based Learning and Manufacturing (VIAM) WBL

Note: Every Program of Study has a WBL program career practicum associated with it. This allows 1 WBL credit to count within the students required program of study to meet graduation requirements. All WBL requires the completion of a Personal Learning Plan along with the completion of the Employability Skills Industry Certification.

Work-Based Learning I-V

1-5 Credits

Prerequisite: 12th grade, teacher approval

Place of employment should match the students Program of Study in order to count towards their program of study. If the student has completed their program of study, then WBL can be completed as an elective.

Work-Based Learning is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a professional work environment. The course allows students to earn high school credit for select models of work-based learning, which allow students to interact with industry professionals in order to extend and deepen classroom work and support the development of postsecondary and career readiness knowledge and skills. ***See work-based learning policies for additional information and qualifications. ***

Work-Based Learning Manufacturing I-V

1-5 Credits

Prerequisite: 12th grade

Mr. Skipper approval based on application. The placement in this setting matches the following programs of study: Machining, Welding, Automotive, Autobody, STEM, and Human Services. Work-Based Learning is a capstone course intended to provide students with opportunities to apply the skills and knowledge learned in previous CTE and general education courses within a manufacturing work environment. ***See work-based learning policies for additional information and qualifications. ***

Service Learning

Credit hours: 1 hour or 2 hours

Prerequisites: Open to any senior that meets the program requirements. Must complete the required application and be approved by Mr. Skipper or Mrs. Acklen.

Service-Learning is designed to place students in new situations where they apply their academic, technical, and social skills to plan and complete community service problems that benefit others. Upon completion of this course, students will be able to demonstrate professionalism, leadership, citizenship and academic skills. Students will complete one project per quarter for a total of four projects in the academic calendar year. Students will also understand how their service-learning experiences fulfill a need in their community and develop a portfolio of work that documents their projects. Community service hours dedicated to this course may be used to satisfy requirements for the Tennessee Promise and also the Tennessee Scholar program.