



# *Coffee County Central High School*

## **Course Descriptions 2020 - 2021**



COFFEE COUNTY CENTRAL HIGH  
**STUDENT  
COUNSELING  
CENTER**

"ACADEMIC SUCCESS, CAREER PLANNING, AND  
PERSONAL & SOCIAL DEVELOPMENT FOR ALL STUDENTS"

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## General Information:

Advanced Placement, College Level Exam Program, Dual Enrollment, State Dual-Credit & Honors

Rigorous Course Requirements		
Course Type	<b>Dual Enrollment (DE)</b> <b>Advanced Placement (AP)</b> <b>College Level Exam Program (CLEP)</b> <b>State Dual Credit (SDC)</b> <i>Must have parental and SCC approval</i>	<b>Honors</b> <i>Must have parental and SCC approval</i>
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 or Grade	3.25 GPA	90+ in previous Honors Courses 93+ in previous Regular Courses
ACT	19 ACT Composite Score/1010 SAT Composite <u>or</u> EOC scores of On Track or Mastery	None
Attendance	Attendance – 10 days maximum absences <i>(can be appealed)</i>	Attendance – 10 days maximum absences <i>(can be appealed)</i>

**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 or University of Tennessee at Martin. In order to receive college and high school credit, students must pass the course.

**\*Students must maintain at least a B average 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 – 93	A	All Classes
92 – 85	B	All Classes
84 – 75	C	All Classes
74 – 70	D	All Classes
69 – 0	F	All Classes

# Language Arts

# Language Arts Department

## English II

1 Credit

Prerequisite: None

English II is a World-Literature based course that builds on and integrates language, literacy, and writing skills.

## English II Honors

1 Credit

Prerequisite: *See Rigorous Course Requirements*

English II Honors includes the same content as English II with a more in-depth study of World Literature, writing, vocabulary, and research.

## 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 Honors includes the same content as English III with a more in-depth study of American Literature, writing, vocabulary, and research.

## AP English III: English Language and Composition

1 Credit and college credit based on score on AP exam

Prerequisite: *See Rigorous Course Requirements*

Objectives and course requirements are taken from the AP English Language and Composition Course Description published by the AP College Board. Participants will be exposed to a broad range of nonfiction selections along with selected fictional works. Students will develop an awareness of rhetoric and the use of language. Through writing, viewing, and reading they will analyze, argue, synthesize, generalize, and evaluate a variety of genres including, but not limited to essays, speeches, letters, short stories, poetry, and novels. Upon entering the course, students will be expected to have a broad vocabulary, which will be further developed and expanded through contextual reading and strategic implementation. Students should be writing at college entry level to enroll in this course. In addition, students will conduct extensive research in order to prove or disprove an argument. They will cite their research by using the MLA editing style. Students will be required to participate in oral presentations. The main objective of the course will be to prepare students to be successful on the AP Language Exam which should result in college credit. This class is scored on a 105-point scale. A lab fee is requested.

## English IV

1 Credit

Prerequisite: None

English IV is a survey of British literature. Students will study the Anglo-Saxon time period to the present in order to develop English literacy and composition skills. Historical and cultural elements are explored in relation to literary selections from each time period to help students analyze literary works. Vocabulary is imperative to understanding literature and is studied continuously in context with literature. Grammar usage and mechanics are taught through composition development that includes literary analysis and research. Students will be required to participate in oral presentations. The objective of Senior English is to prepare students for college. Students will demonstrate the ability to gather and organize research for the purposes of composing an analytical research paper. An lab fee is requested.

## AP English IV: 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 literature in all forms. Special consideration is given to British works of significant literary merit from a variety of genres: fiction (novel, short story) literary nonfiction (biography, essay), poetry, and drama from the Anglo-Saxon period to the present. 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.

## Public Speaking

½ Credit

Prerequisite: None

Recommended: No less than a "C" in previous English course

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.

Statewide Dual Credit Speech & Communication (COMM 2025)

1 Credit

Prerequisites: *See Rigorous Course Requirements*

This year-long 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, nonverbal, intercultural communication, group discussion, nature and value of language, and the value of listening. All students will be given the state dual credit exam at the end of the course. This course is graded on a 104 point scale.

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.

# Mathematics

# Mathematics Department

## Geometry

1 Credit

Prerequisite: Successful completion of Algebra 1

Course Description: 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, circles, and surface area & volume.

## Geometry

1 Credit

Prerequisite: Successful completion of Algebra 1

Course Description: 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, circles, and surface area & volume.

## Algebra II

1 Credit

Prerequisite: Successful completion of Algebra I

Algebra II builds on the skills acquired in Algebra I. Concepts emphasized are an analysis of function families (linear and non-linear), solving systems of equations, quadratics, complex number systems, graphing, probability, data analysis, and logarithmic and exponential functions. All students will be given the state required end-of-course exam valued at 25% of the second semester grade.

## Algebra II Honors

1 Credit

Prerequisite: *See Rigorous Course Requirements* 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. Students will be required to complete a project each nine weeks utilizing the material learned. Concepts emphasized are analysis of function families (linear and non-linear), solving systems of equations, quadratics, complex number systems, graphing, probability, data analysis, and logarithmic and exponential functions. All students will be given the state required end-of-course exam valued at 25% of the second semester grade. This course is graded on a 103-point scale.

## Bridge Math

Credit: 1

Prerequisite: Algebra II (Seniors only) Must have scored below 19 on ACT math subtest

This course is designed to prepare students for college level mathematics. Included in the course of study are diagrammatic, verbal, symbolic, graphical and numerical mathematics. A new approach will be used to develop concepts, make connections and support concepts through applications with numbers, geometry, functions and data. The Bridge Mathematics course is designed for students who have not scored a 19 or higher on the ACT by the beginning of the senior year.

## Statistics (on-level)

Credit: 1

Prerequisite: Must have successfully completed Algebra II (seniors only)

Course Description: 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.

## PreCalculus

1 Credit

Prerequisite: Algebra II and Geometry

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.

## Statewide Dual Credit Pre-Calculus (MATH 1730)

1 Credit

Prerequisites: *See Rigorous Course Requirements, HONORS Algebra 2 is strongly recommended.*

This course will emphasize trigonometric functions and covers graphs, identities, triangle solutions, inverse functions, trigonometric equations, and polar equations. Other topics consistent with a college preparatory program are logarithmic and exponential functions, vectors, and analytic geometry. Be prepared to work hard, be challenged, and have about 20 minutes of homework every night.

Statewide Dual Credit Pre-Calculus has a challenge exam given at the end of the course by the State of Tennessee for which there is no charge. Students earn college credit for a score of 75% or above at all public state universities. This course is graded on a 104 point scale.

### Honors Statewide Dual Credit Statistics (MATH 1530)

1 Credit:

Prerequisites: *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. This is a college level course, so the expectations are high. You will need to think hard about the concepts. You'll write a lot. You can expect approximately 30 minutes of homework for each class. Honors Statistics includes most, but not all, of the objectives included in A.P. Statistics. The challenge exam for college credit is multiple choice only.

### AP Statistics

This course is graded on a 105-point scale.

1 Credit Students may also receive college credit by passing the AP exam and meeting individual college requirements for the score.

Prerequisite: *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 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 other 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. You will need to think hard about the concepts. You'll write a lot. You can expect approximately 30 minutes of homework for each class. The A.P. Exam consists of 50% multiple choice and 50% free response questions.

### AP Calculus AB

1 Credit

Prerequisite: *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 these 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 the 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 Life Science 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 25% of the second semester grade. Dissection may be required.

## Biology Honors

1 Life Science 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 25% of the second semester grade and is graded on a 103-point scale. Dissection is required.

## Chemistry

1 Physical Science Credit

Prerequisite: None

This course examines the composition of matter and its changes. Atomic structure, matter and energy, properties of solutions, acids and bases are also investigated. It is designed for students with a background in math and science that 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. An end-of-course test is given to all students.

## Chemistry Honors

1 Physical Science Credit

Prerequisite: *See Rigorous Course Requirements*

This is an intensive college preparatory course in high school chemistry with emphasis on the experimental development of basic concepts through laboratory investigations, and the mathematical expression of laboratory findings. This course is designed to develop an appreciation of chemistry and to enhance scientific skills. This course is graded on a 103-point scale.

## Physics

1 Physical Science Credit

Prerequisite: Successful completion of Algebra I

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 Physical Science Credit

Prerequisite: *See Rigorous Course Requirements*

Recommended: An "A" or "B" in Algebra I; credit in Geometry is strongly recommended.

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.

## Anatomy & Physiology

1 Life Science Credit

Prerequisite: Successful completion of Biology

This course provides students with an understanding and working knowledge of the human body. It covers the systems of the body with emphasis placed on both the physiological as well as the anatomical aspects of the human body. Laboratory experience is included as a learning tool in this course. Dissection of the fetal pig and various sheep organs is required. University path students, especially those planning on a career in the medical or health field, would benefit from this course.

## Anatomy & Physiology Honors

1 Life Science Credit

Prerequisite: *See Rigorous Course Requirements*

Honors Anatomy is strictly a college preparatory course providing students with an in depth, intensive study of the nine systems of the human body. Laboratory experiences and computer-aided instruction are included as learning tools in this demanding course. This course covers the same content as Anatomy and Physiology but in a more accelerated setting. Students conduct scientific studies and learn how to do technical reports. Dissection of the fetal pig and various sheep organs is required. University path students, especially those planning on a career in the medical or health field should take this course. This course is graded on a 103-point scale.

## AP Biology II

1 Life Science 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, Dissection is required.

### AP Chemistry II

1 Physical Science Credit

Prerequisite: *See Rigorous Course Requirements*

Recommended: An "A" or "B" in Chemistry and Algebra I

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*

Recommended: Successful completion of Algebra I and Physics or Chemistry

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 AP Physics I*

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

## World History

1 Credit

Prerequisite: None

This course introduces students to political, cultural, economic and social aspects of world civilizations from 1750 to the present.

## U.S. History Statewide Dual Credit (HIST 2020)

1 Credit

Juniors only

Prerequisite: *See Rigorous Course Requirements*

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

Juniors only

Prerequisite Recommended: *See Rigorous Course Requirements*

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.

## AP U.S. History

1 Credit

Juniors only

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 16 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 a semester video project and various other creative projects and group work. This course is graded on a 105-point scale.

## U. S. Government

½ Credit

Seniors only

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 & Politics 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 affect 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 affect 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

1 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: None

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: None

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 Student Success Course

1 Credit

College preparation course that explores applying, preparation, and additional skills to be successful college student.

# Foreign Language

# Foreign Languages Department

## French I

1 Credit

Requirements: None

This is an introductory course with emphasis on conversational skills and necessary elementary grammar. Students are introduced to the culture through the study of history, geography, and primary sources in the target language.

## French I Honors

1 Credit

Requirements: *See Rigorous Course Requirements*

Honors French I includes the same content as French I but is designed for students interested in a more intensive classroom and learning environment. A project is required each nine weeks. This course is graded on a 103-point scale.

## French II

1 Credit

Requirements: Successful completion of French I

This course is a continuation of French I emphasizing intermediate conversational and reading skills along with an introduction to French literature.

## French II Honors

1 Credit

Requirements: *See Rigorous Course Requirements*

Honors French II includes the same content as French II but is designed for students interested in a more intensive classroom and learning environment. A project is required each nine weeks. This course is graded on a 103-point scale.

## French III Honors

1 Credit

Required: *See Rigorous Course Requirements*

Honors French III is designed for students interested in a more intensive classroom and learning environment focusing on French culture, language and literature. A project is required each nine weeks. 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: None

Required: *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.

## Spanish II

1 Credit

Prerequisite: *See Rigorous Course Requirements*

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*

Honors Spanish II includes the same content as Spanish 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.

## Spanish III 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.



# Fine Arts

# Fine Arts Department

## Concert Choir

1 Credit

Prerequisite: None

Concert Choir is made up of males and females, sophomores through seniors. Students learn basic singing techniques and musical notation. The class can be taken as 1/2 credit by taking either semester. Two or three concerts are performed during the year.

## Show Choir

1 Credit

Prerequisite: Singing and Dancing Audition Required

Show Choir is a SATB group which performs higher level music and performs 6-10 concerts during the school year (in school and out). After school rehearsal is required.

## Women's Chorale

1 Credit

Prerequisite: Singing Audition Required

Women's Chorale is a SSA group. Students perform 4-6 concerts during the school year (in school and out). After school rehearsal is required when necessary.

## General Music

1 Credit

Prerequisite: None

This music course is for the non-musician that enjoys listening to music, as well as those with a background in music study seeking information outside of the performance arena. The course explores the role music plays in our lives including entertainment, dance, art, film, other cultures, religions, and musical theater. The course may also give basic introductions to music mechanics, ear training, theory, harmony, composition, chords, rhythms, analysis, history, and styles. The course may include field trip(s). This course is helpful to all music students.

## Music History

1 Credit

Prerequisite: None

This music course is for the non-musician that enjoys listening to music, as well as those with a background in music study seeking information outside of the performance arena. The course explores the role of music evolution in our lives including entertainment, dance, art, film, other cultures, religions through the conception of music until present day.

## Guitar

1 Credit

Prerequisite: None

Guitar is a performance-based techniques class offering introductory experience in, and opportunity for development and improvement of, fundamental skills in guitar. Topics covered include: basic guitar playing technique, tuning, instrument care, and basic maintenance, learning note names on the guitar fretboard and how to find them, reading music notes, rests, music symbols, and guitar tablature from the printed page, reading melodies, chords, and scales, identifying different music forms, structures, and styles, basic strumming and picking patterns/techniques, performing a mixture of different song styles (including traditional, pop, rock, folk, and blues) as a soloist, with a partner, and as a group, History of guitar & music that includes guitar.

## Band/Percussion

1 Credit

Prerequisite: Been in enrolled in Band the year prior. 10th - 12th grade (due to buses, freshman percussionists won't be able to take the course and will need to sign up for the standard "Band" class).

This course must have instructor approval to take.

## Instrumental Music (Band)

1 Credit

Prerequisite: Instructor approval

*Students will audition in the fall, after marching season is over, and placed into one of the following two ensembles:*

### **Wind Ensemble (Advanced Band)**

Advanced band is designed for the advanced level band student. Emphasis is placed on improving music reading skills and performance techniques through standard and custom band literature. Participation in the All-State and Mid-State instrumental auditions is encouraged and emphasized. Private instrumental instruction is encouraged. Participation in marching band and concert band activities is required for the entire year. This course will require after school rehearsals, performances and/or field trip(s) that will be used as parts of the evaluation process. This course may also require designated fees for membership that can be alleviated through student/parent fundraising. Students can earn credit in each instrumental organization for multiple years.

### **Symphonic Band (Intermediate to Advanced Band)**

Symphonic band is designed for the intermediate level band student and/or for those with limited instrumental experience. Emphasis is placed on improving music reading skills and performance techniques. Participation in the All-State and Mid-State instrumental auditions is encouraged and emphasized. Private instrumental instruction is encouraged. Participation in marching band and concert band activities is required for the entire year. This course will require after school rehearsals, performances and/or field trip(s) that will be used as parts of the evaluation process. This course may also require designated fees for membership that can be alleviated through student/parent fundraising. Students can earn credit in each instrumental organization for multiple years.

### 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.

### 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 the theatre, its structure, the play, and its performance. *Students will be required to attend both productions over the year and 1 outside show (not produced by the HS) 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 assist with both the fall and spring productions, be it onstage, backstage, or front of house. Students must also attend one outside show (not produced by the HS) per semester for the class.*

### 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. This course may require after school "build days" that will be used as part of the evaluation process.

### 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

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. Ceiling Tile Painting is not guaranteed.

### Visual Arts II

1 Credit

Prerequisite: Visual Art I

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.

# **Health & Physical Education**

## HPER

### 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 1 (Physical Education) Semester 1

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.

### Wellness-PE 2 (Physical Education) Semester 2

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 10<sup>th</sup> graders

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: 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

## 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*

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. 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 English Composition 1020

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. 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 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 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 U.S. History 2010

1 Credit

Prerequisite: *See Rigorous Course Requirements*

This course covers the history of the United States from the beginning of English settlement in North America through the Revolution, early national period, and disruption of the Union, Civil War, and Reconstruction periods. This course ends with the events of 1877. 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. HIST 2010 does not fulfill the US History graduation requirement for high school.

#### Dual Enrollment U.S. History 2020

1 Credit

Prerequisite: *See Rigorous Course Requirements & HIST 2010*

This course traces the political, economic, diplomatic, military and social development of the United States from the Reconstruction period to the present. Attention is given to contemporary problems and the place of the United States as a world power. 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 Spanish 1010 - Beginning Spanish I

1 Credit

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 Spanish 1020 - Beginning Spanish II

1 Credit

Prerequisite: See *Rigorous Course Requirements & SPAN 1010*

This course continues to emphasize the essentials of Spanish grammar and further develops reading, writing, and speaking skills. Readings about Spanish and South American cultures are included; and the literature of important Spanish authors, such as Cervantes, Espronceda, and Gaballero, is introduced. 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.

### **Motlow State Community College Dual Enrollment Online Courses**

#### Dual Enrollment Online - ARTA 1030 -Art Appreciation

1 Credit

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

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

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

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

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 - COMM 2025 - Fundamentals of Communication

1 Credit

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 1130 - College Algebra

1 Credit

This course is designed primarily for students majoring in non-science degrees. Topics include functions and graphs, linear and quadratic equations, inequalities, polynomials, rational expressions, exponents, radicals, and exponential and logarithmic functions. Prerequisite: MATH 1000 with a grade of "C" or better, or MATH 1005 with a grade of "C" or better. This course may not substitute for MATH 1710.

#### Dual Enrollment Online - MATH 1530 - Introductory Statistics

1 Credit

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

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

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

lifespans, motivation, emotion, sexuality, stress and health, social psychology, personality, psychological disorders, and psychological therapies.

Dual Enrollment Online - SOCI 1010 - Introduction to Sociology

1 Credit

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.

**University of Tennessee at Martin Dual Enrollment Online Courses**

Dual Enrollment Online - 110 Introduction to Agricultural Business

1 Credit

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

Fundamental principles of animal agriculture. Biological and scientific aspects of development, inheritance and feeding. Animal products and scope of the animal industry.

# **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.

### Machine Technology

#### Principles of Machining I

1 Credit

Prerequisite: None

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 II

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 mill. The student will be introduced to the Autocad Inventor and Featurecam program to use in the CNC programming process. EPSO/Certifications: NC3 Measurement Certification

#### Manufacturing Practicum - Seniors ONLY

1 credit

Prerequisite: Principles of Machining I and II

This course is a capstone course intended to provide students with the opportunity to apply skills and knowledge learned in previous manufacturing courses within a professional working environment. While continuing to add to their technical skillsets, students will assume increasing responsibility for overseeing manufacturing processes and managing complex projects. Specifically, proficient students work in teams to plan the production of a sophisticated product; develop troubleshooting and problem solving mechanisms to ensure that projects run smoothly; analyze output and compile professional reports and connect practicum activities to career and postsecondary opportunities. Upon completion, proficient students will be prepared for postsecondary and career advancement in their chosen focus area. Students will be trained on Autocad inventor to document, analyze designs for production, and to analyze cost feasibility analyses for production. CNC, milling, and featurecam programming capabilities will be enhanced. Some of the project work to be studied will be the NASA Rover Challenge or Capstone Skills competitions.

#### Welding I

1 Credit

Prerequisite: None

*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 – A

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.

### Welding II – B

1 Credit

Prerequisite: Welding II - A

This is the second credit in Welding II. It is a continuation of the standards covered in Welding II – A.

## Agricultural Education

**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.

### 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. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects, Tennessee State Standards in Mathematics, Tennessee State Standards in Biology I, Biology II, and Anatomy and Physiology, as well as National Agriculture, Food & Natural Resources Career Cluster Content Standards.

### 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. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects, as well as Tennessee state standards in Anatomy and Physiology and National Agriculture, Food and Natural Resources Career Cluster Content Standards.

### Veterinary Science (III)

1 Credit

Prerequisite: Large Animal

Recommended: Small Animal Care or Large Animal Science, 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. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee state standards in Anatomy and Physiology, Biology I, and Biology II, as well as National Agriculture, Food and Natural Resources Career Cluster Content Standards

### SDC Intro to Plant Science (I) (Statewide Dual Credit)

1 Credit

--Recommended Prerequisite: Agriscience

Plant and Soil Science is an applied-knowledge course focusing on the science and management of plants and soils, with special attention given to current agricultural practices that support the healthy and sustainable cultivation of major crops. Upon completion of this course, proficient students will have been exposed to a range of careers associated with the science and management of plants and soils and will have developed the essential skills and knowledge to be successful in science- or agriculture-related occupations.

### Natural Resource Management (II)

1 credit

Natural Resource Management is an applied course for students interested in learning more about becoming good stewards of our environment and natural resources. This course covers major types of natural resources and their management, public policy, and the role of public education in managing resources, as well as careers, leadership, and history of the industry. Upon completion of this course, proficient students will be prepared for further study and careers as an environmental scientist, conservationist, forester, or wildlife manager.

--Prerequisite: Plant and Soil Science

### Work-Based Learning - Agriculture

1-2 Credits

Prerequisite: 12th grade, teacher approval, enrolled in an agriculture course

Work-Based Learning is a method of instruction whereby students coordinate their studies with a paid job in a field related to their agriculture course. Instruction is based on written training and evaluation plans agreed to by the school and employer. The students receive credit for both classroom and work experiences related to the course of study. \*See work-based learning policies for additional information and qualifications.

## Architecture and 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. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics.\*

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. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics.\*

### AED III - A (Drafting III-A)

1 Credit

Prerequisite: 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 and mechanical design 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. Standards in this course are aligned with Tennessee State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee State Standards in Mathematics.\*

### AED III - B (Drafting III-B)

1 Credit

Prerequisite: AED III - A

This is the second credit in AED III. It is a continuation of the standards covered in AED III – A.



## Arts, Audio/Visual Technology, & Communications

**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

### Arts, A/V Technology & Communications

#### Digital Arts and Design I

1 Credit

Prerequisites: None

Digital Arts and Design I is a course that uses various hardware and software multimedia tools to develop digital communication presentations. Creative design, persuasive communications, and language arts skills are applied through research, evaluation, validation, written, and oral communication. Course topics include the history and evolution of multimedia, typography, 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. Software utilized includes Windows Movie Maker, Pinnacle, and Adobe Premiere Elements. 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. 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 - 2 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, web pages, three-dimensional models, and animations. Students will utilize research techniques to plan and enhance project outcomes. Standards in this course also include

#### 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

Credit 1 each, 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 careers 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

Credit 1 – 2, 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

#### Work Based Learning –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.

## **Business Management & Administration**

**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.***

#### Computer Applications (I)

1 Credit

This course is designed to develop computer technology skills. Students will use a variety of computer software and hardware tools and features of an electronic information network. This course also provides students with the historical, social and ethical issues of using computer technology. Students will develop in word processing (Word), spreadsheet (Excel), database (Access), presentation (PowerPoint), and desktop publishing (Publisher) software. These skills are necessary for any student to obtain whether entering the workforce or collegiate work. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

#### Business Communications (II)

1 Credit/Prerequisite: Computer Applications

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.

#### SDC –Intro to Business (III)– (Statewide Dual Credit)

1 Credit/Prerequisite: Computer Applications: 11<sup>th</sup> and 12<sup>th</sup> graders only

Students will develop a foundation in the many activities, problems, and decisions that are intrinsic to the management of a successful business, as well as an appreciation for the importance of these responsibilities. Areas to be examined include business organization, ethical and legal responsibilities, communication, decision-making, personnel, safety, professional development and related careers. By gaining an understanding of these areas, students will be better prepared to enhance the business decisions of tomorrow. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement. EPSO/Certifications: State Wide Dual Credit Course

#### Advanced Computer Applications (IV)

1 Credit/Prerequisite: Computer Applications 12<sup>th</sup> 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 to 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\*

½ Credit/Prerequisite: None 12<sup>th</sup> graders only

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\*

½ Credit/Prerequisite: 12<sup>th</sup> graders only

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.

### Work-Based Learning- Business Technology Education

1-2 Credits/Prerequisite: 12<sup>th</sup> grade, teacher approval, enrolled in Business Technology Class

Work Based Learning is a structured method of instruction whereby students coordinate their studies with a paid job in the field of Business Technology. \*See work-based learning policies for additional information and qualifications. See Business Instructor for these forms and prior approval.\*

## Education and Training

### Teaching as a Profession 1

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 2

Prerequisite: TAP 1

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 3

Prerequisite: TAP 2

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.

### Work-Based Learning- TAP

1-2 Credits/Prerequisite: 12<sup>th</sup> 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 Business Instructor for these forms and prior approval.\*

## Finance

**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.***

### Personal Finance

½ Credit/Prerequisite: 11<sup>th</sup> and 12<sup>th</sup> graders only

Personal Finance is a course designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. The co-curricular student organization FBLA will provide students with opportunities for leadership development, personal growth, and school/community involvement.

### Accounting I

1 Credit/Prerequisite: Computer Applications

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 11<sup>th</sup> and 12<sup>th</sup> 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. Upon completion of this course, 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.

## Health Science Education

**NOTE: The following Health Science courses provide students the opportunity to develop leadership and interpersonal skills through the participation in HOSA (Future Health Professionals)**

### 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.

### Medical Therapeutics (III)

1 Credit

Prerequisite: Anatomy and Physiology II

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

Prerequisites- Must have completed Health Science Education, and Medical Therapeutics.

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.

### Rehabilitation Careers (II)

1 Credit

Prerequisite: Health Science

Rehabilitation Careers is an applied course designed to prepare students to pursue careers in rehabilitation services such as physical therapy, athletic training, massage therapy, etc. Upon completion of this course, a proficient student will be able to identify careers in rehabilitation services, recognize diseases, disorders or injuries related to rehabilitation services and correlate the related anatomy and physiology then develop a plan of treatment with appropriate modalities. Students will be given the opportunity both in and out of the classroom to demonstrate techniques and observe professionals within some of the above career fields.

### Exercise Science (III)

1 Credit

Prerequisite: Anatomy and Physiology II

Exercise Science is an applied course designed to prepare students to pursue careers in kinesiology and exercise physiology services such as personal training, athletic training and physical therapy. Upon completion of this course, proficient students will be able to apply concepts

of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science contexts like personal workouts, athletic rehab, physical as well as occupational therapy.

## Hospitality and Tourism

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

### 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 understating 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.

### WBL Culinary

1 Credit

Prerequisite: (Teacher approval only)

*Work-Based Learning Culinary will be the School Based Enterprise of running all facets of the Diner 45 and Catering program. Students will complete a portfolio along with a personalized learning plan showcasing their experiences and skills. Serv-Safe certifications will be mandatory for participation in this Program. Students must be approved by Mrs. Louden.*

## 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.

### Cosmetology

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.

#### Social Health 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.

## Information 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.***

##### 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.

##### AP Computer Science II

1 Credit/Prerequisite:

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.

# Law, Public Safety, Corrections, & Security

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

Law Enforcement 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 first hand 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 first hand 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 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: 12<sup>th</sup> 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 explore 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.

# Marketing Education

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

## 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 the CHS Bookstore. Upon completion of this course, students will be tested and possibly earn three hours of Motlow college credit for the course.

### WBL – Marketing - Book store

1 Credit

Prerequisite: Marketing & Management II (Teacher approval)

Students enrolled in this course are responsible for the daily operations of the CHS Bookstore. Formerly known as Retail Operations.

## STEM

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

Technology

### Principles of Engineering and Technology (I)

1 Credit

Prerequisite: None

Principles of Engineering and Technology is a foundational course in the STEM cluster for students interested in learning more about careers in engineering and technology. This course covers basic skills required for engineering and technology fields of study. Upon completion of this course, proficient students are able to identify and explain the steps in the engineering design process. They can evaluate an existing engineering design, use fundamental sketching and engineering drawing techniques, complete simple design projects using the engineering design process, and effectively communicate design solutions to others. Standards in this course are aligned with Tennessee Common Core State Standards for English Language Arts & Literacy in Technical Subjects and Tennessee Common Core State Standards in Mathematics. EPSO/Certifications: OSHA 10 Certification

### 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: 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.

## Transportation, Distribution, & Logistics

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

Collision Repair Tech

### Intro to Collision Repair I

1Credit

Introduction to Collision Repair is a foundational course in the Automotive Collision Repair program of study for students interested in learning more about automotive collision repair technician careers. Upon completion of this course, proficient students will be able to identify



and explain the basic steps in the collision repair process, emphasizing the tools, equipment, and materials used. They will be able to describe the major parts of an automobile body and safely perform basic procedures in preparing automotive panels for repair, applying body filling, and preparing surfaces for painting.

EPSO/Certifications: OSHA 10 Certification

### Collision Repair Non-Structural II

1-2 Credits

Prerequisite: Intro to Collision Repair I

This course prepares students to analyze non-structural collision damage to a vehicle, determine the extent of the damage and the direction of impact, initiate an appropriate repair plan, and correctly use equipment to fit metal to a specified dimension within tolerances. Course content includes metal finishing, body filling and glass panel replacements.

### Collision Repair Painting and Refinishing III

1 -2 Credits

Prerequisite: Collision Repair: Non-Structural II

This course prepares students to use plastics and adhesives in the repair and refinish processes and to apply automotive paint to a vehicle. Students learn to diagnose automotive paint finish problems and to perform the appropriate manufacturer-required techniques and processes to refinish the affected area or the complete vehicle. Course content provides the student with training in mixing, matching, and applying paint and finish to vehicles. Course content includes the application of plastics and adhesives in the repair and refinish processes. The course prepares students for entry level employment and advanced training in collision repair technology and post-secondary education.

## 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 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

### The 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 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.

### The 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. Students study and service suspension and steering systems and brake systems. Upon completing all of the Maintenance and Light Repair courses, students may enter 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.

### The 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. Students 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 automotive service industry as an ASE Certified MLR Technician. Students must complete MRL 1-3 before entering MRL 4.

## **Work- Based Learning and Manufacturing WBL**

**Work-Based Learning** 1-2 Credits/ Prerequisite: 12th grade, teacher approval, Place of employment must 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** 1-2 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.