

DECATUR CITY SCHOOLS

9th - 12th GRADE CURRICULUM GUIDE

2023/2024



The mission of Decatur City Schools is to promote academic excellence in a unique and rigorous learning environment that values and celebrates diversity to prepare students for success in a global society.

The Decatur City Board of Education does not discriminate on the basis of race, color, national origin, sex, disability, religion, or age in its programs and activities, and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the non-discrimination policies: Dr. Stefanie Underwood, 302 4th Avenue, NE, Decatur AL 35601, 256-552-3000, stefanie.underwood@dcs.edu.

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CONTACT INFORMATION

Decatur City Schools	
212 4th Avenue SE Decatur, AL 35601 256.552.3000	
Dr. Michael Douglas <i>Superintendent, Decatur City Schools</i>	Superintendent@dcs.edu
Dr. Yvette Evans <i>Deputy Superintendent, Curriculum & Instruction</i>	Yvette.Evans@dcs.edu
Mrs. Anita Clarke <i>Supervisor, Secondary Curriculum & Instruction</i>	Anita.Clarke@dcs.edu
Mr. Shelton Cobb <i>Supervisor, Career & Technical Education</i>	Shelton.Cobb@dcs.edu

Austin High School	Austin Junior High School	Decatur High School
3004 Modaus Road SW Decatur, AL 35603 256.552.3060	1625 Danville Road SW Decatur, AL 35601 256.552.3045	910 Somerville Road SE Decatur, AL 35601 256.552.3011
Mr. Demond Garth <i>Principal</i>	Dr. Mark Christopher <i>Principal</i>	Mrs. Leslie Russell <i>Principal</i>
Demond.Garth@dcs.edu	Mark.Christopher@dcs.edu	Leslie.Russell@dcs.edu



1229 Westmead Street SW
Decatur, AL 35601
256.560.6821

Mrs. Ressa Chittam, Principal
Ressa.chittam@dcs.edu

LANGUAGE ARTS

Core Curriculum classes are designed for students working at grade level. Study of language skills in writing, speaking, and listening is sequenced to provide preparation for the student in either vocational or college preparatory programs. The sequence of literature studied and the language reading and writing skills corresponds to the requirements and recommendations of The Alabama Course of Study and College and Career Readiness Standards.

Honors English is offered in grades 9-10 for highly motivated students. The courses are designed for the student who has performed well above average in previous English courses, is motivated, has mastered basic skills, and is willing to handle a more challenging workload. The honors courses prepare students to take AP English and/or Dual Enrollment at the Junior and Senior levels.

Summer Reading Assignments: There will be required summer reading assignments in all English classes. This is not an option. The titles and assignments will be shared and discussed by individual teachers during the last six weeks of this school year. Students will be given the titles and assignments by their perspective teacher. These titles and assignments will also be located in the Guidance Office during the summer months, as well as the school's webpage.

ENGLISH, GRADE 9 (01001G1000)

Grade: 9 Credit: 1.0

FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. **All writing submitted as a fulfillment of a requirement for an English course must be free of plagiarism.**

HONORS ENGLISH, GRADE 9 (01001E1000)

Grade: 9 Credit: 1.0

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Advanced work in reading literature, reading informational text, writing, speaking and listening, and language. **All writing submitted as a fulfillment of a requirement for an English course must be free of plagiarism.**

ENGLISH, GRADE 10 (01002G1000)

Grade: 10 Credit: 1.0

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. **All writing must be free of plagiarism.**

HONORS ENGLISH, GRADE 10 (01002E1000)

Grade: 10 Credit: 1.0

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Advanced work in reading literature, reading informational text, writing, speaking and listening, and language. **All writing must be free of plagiarism.**

ENGLISH, GRADE 11 (01003G1000)

Grade: 11 Credit: 1.0

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. Reading literature, reading informational text, writing, speaking and listening, and language. **All writing must be free of plagiarism.**

***AP ENGLISH, LANGUAGE AND COMPOSITION (01005H1000)**

Grade: 11 Credit: 1.0 Prerequisite: Honors English 10 and/or Instructor approval

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English; engages students in becoming skilled writers who compose for a variety of purposes; guides students in becoming skilled readers of prose written in a variety of rhetorical contexts; extensive writing of compositions **All writing must be free of plagiarism.** [*See AP Descriptor](#)

ENGLISH, GRADE 12 (01004G1000)

Grade: 12 Credit: 1.0

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. In Grade 12, students focus on the literature of the British Isles, which provides both a linguistic and cultural starting point that more fully contextualizes the eventual forming of the United States and informs a sophisticated understanding of the connections between American and British literature contrasted with the unique

character of each. British literature in the twelfth grade should read, analyze, and evaluate a play by William Shakespeare, including an examination of its contributions to the English language and his influences on other works of literature. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. **All writing must be free of plagiarism.**

***AP ENGLISH, LITERATURE AND COMPOSITION (01006H1000)**

Grade: 12 Credit: 1.0 Prerequisite: AP English Language and Composition and/or Instructor approval

NOTE: FULFILLS ENGLISH CREDIT REQUIRED FOR GRADUATION. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for English; engages students in the careful reading and critical analysis of imaginative literature from several genres and periods from the sixteenth to the twenty-first century; extensive writing of compositions. **All writing must be free of plagiarism.** [*See AP Descriptor](#)

DUAL ENROLLMENT ENGLISH COMPOSITION, ENG 101/102 (01999C1001 & 01999C1002)

Grade: 11, 12 Credit: 1.0

Tuition Cost: +/- \$550 p/course. *Students must meet the minimum GPA or ACT requirements or take the placement test prior to enrollment
English Composition 101 provides instruction and practice in the writing of at least six (6) extended compositions and the development of analytical and critical reading skills and basic reference and documentation skills in the composition process. English Composition I may include instruction and practice in library usage.

English Composition 102 provides instruction and practice in the writing of five (5) formal, analytical essays, at least one of which is a research project using outside sources and/or references effectively and legally. Additionally, English Composition II provides instruction in the development of analytical and critical reading skills in the composition process. English Composition II may include instruction and practice in library usage.

DUAL ENROLLMENT ENGLISH LITERATURE I & II, ENG 261/262 (01999C1005 & 01999C1006)

Grade: 11, 12 Credit: 1.0

Tuition Cost: +/- \$550 p/course. *Students must meet the minimum GPA or ACT requirements or take the placement test prior to enrollment
English Literature I & II are a survey of English literature from the Anglo-Saxon period through the Romantic Age to the present. Emphasis is placed on representative works and writers of this period and on the literary, cultural, historical, and philosophical forces that shaped these works and that are reflected in them. Upon completion and in written compositions, students will be able to interpret the aesthetic and thematic aspects of these works, relate the works to their historical and literary contexts, and understand relevant criticism and research.

MATHEMATICS

The new Mathematics Course of Study adopted by the Alabama Department of Education will begin with the incoming freshman class of 2022-2023. Students will be required to complete Geometry with Data Analysis within four total mathematics credits in order to graduate.

Students, parents, and teachers must carefully consider the appropriate course selection for the students to achieve academic success. Mathematics must be taken in sequential order so it is imperative that students and parents develop a four-year curriculum plan. Any student requesting a course other than that recommended by his teacher must have a completed parental waiver on file in the guidance office. The parents of any junior requesting a course other than that recommended must meet with the teacher to discuss curriculum options and to sign the waiver. It is our hope to help our students succeed academically and to take responsibility in planning for their futures.

Common Pathways:

Alabama Course of Study: Mathematics

Grade 9	Grade 10	Grade 11	Grade 12
Geometry with Data Analysis	Algebra I with Probability	Algebra II with Statistics	<i>Specialized Course</i>
Geometry with Data Analysis AND Algebra I with Probability	Algebra II with Statistics	<i>Specialized Course</i>	<i>Specialized Course</i>
		PreCalculus	AP Calculus
Geometry with Data Analysis	Algebra II with Statistics <i>(with successful completion of Accelerated 7 & 8)</i>	<i>Specialized Course</i>	<i>Specialized Course</i>
		PreCalculus	AP Calculus



ALABAMA STATE DEPARTMENT of EDUCATION

NOTE: These common pathways do not reflect all possible pathways. Please see your counselor for further explanation of other pathway options.

GEOMETRY WITH DATA ANALYSIS (02073G1000)

Grade: 9 Credit: 1.0

Students build on and deepen prior understanding of transformations, congruence, similarity, and coordinate geometry concepts with an emphasis on formal and informal proofs and justification. Students will develop algebraic calculations with specific applications to geometry. Students will also focus on data analysis and creating linear models to focus on univariate and bivariate quantitative data on the real number line and the coordinate plane. A focus on mathematical modeling and real-world statistical problem-solving is included across the course, with an emphasis on the inclusion of technology, such as graphing calculators. ***This course is required for graduation.***

HONORS GEOMETRY WITH DATA ANALYSIS (02073E1000)

Grade: 9 Credit: 1.0 Prerequisite: Honors/Advanced 7th & 8th grade mathematics

Students build on and deepen prior understanding of transformations, congruence, similarity, and coordinate geometry concepts with an emphasis on formal and informal proofs and justification. Students will develop algebraic calculations with specific applications to geometry. Students will also focus on data analysis and creating linear models to focus on univariate and bivariate quantitative data on the real number line and the coordinate plane. A focus on mathematical modeling and real-world statistical problem-solving is included across the course, with an emphasis on the inclusion of technology, such as graphing calculators. ***This course is required for graduation.***

ALGEBRA I WITH PROBABILITY (02052G1000)

*Grade: 10 Credit: 1.0 Prerequisite: *Geometry with Data Analysis*

This course builds upon algebraic concepts studied in the middle grades and is only designed for students who did not take both Advanced 7th and Advanced 8th grade math. It may be taken concurrently with Geometry with Data Analysis. Students will study absolute value, quadratic, exponential and linear functions as well as explicit and recursive functions. Properties of algebra are applied to convert between forms of expression and to solve equations (factoring, completing the square, rules of powers, and radicals). Graphing and solving systems of equations is also emphasized. Students will calculate basic and conditional probabilities and use those calculations to make informed decisions. ***This course satisfies one of the requirements for graduation and is required if Algebra 1 was not taken previously. *It may be taken concurrently with Geometry with Data Analysis for incoming 9th graders who want to be placed on an advanced pathway: Teacher approval required.***

ALGEBRA II WITH STATISTICS (02056G1000)

Grade: 11 Credit: 1.0 Prerequisite: Algebra I

This course focuses on inferential statistics, which allows students to draw conclusions about populations and cause-and-effect based on random samples and controlled experiments. Students will study an expanded range of functions including polynomial, trigonometric (sine, cosine, the unit circle, and the Laws of Sine and Cosine), logarithmic, reciprocal, radical and general piecewise. They will solve equations associated with these functions and be introduced to the study of matrices. ***This course is required for graduation.***

HONORS ALGEBRA II WITH STATISTICS (02056E1000)

Grade: 10, 11 Credit: 1.0 Prerequisite: Honors Geometry & Algebra I or Honors Geometry & 8th Grade Honors Math

This course focuses on inferential statistics, which allows students to draw conclusions about populations and cause-and-effect based on random samples and controlled experiments. Students will study an expanded range of functions including polynomial, trigonometric (sine, cosine, the unit circle, and the Laws of Sine and Cosine), logarithmic, reciprocal, radical and general piecewise. They will solve equations associated with these functions and be introduced to the study of matrices. This course is required for graduation. This course covers the same content as Algebra II with Statistics but is taught at a faster pace and higher level of rigor, designed to prepare advanced math students for Precalculus and beyond. ***This course is required for graduation.***

MATHEMATICAL MODELING (02137G1000):

Grades: 11, 12 Credit: 1.0 Prerequisite: Algebra II with Statistics

Students explore decision-making for financial planning and management, design in three dimensions, interpreting statistical studies, and creating functions to model change in the environment and society. Measurements are taken from the real world, and technology is used extensively for computation, with an emphasis on students' interpretation and explanation of results in context. This course focuses on mathematical modeling and real-world statistical problem-solving and is appropriate for students who are entering fields involving quantitative reasoning where higher levels of statistics are required, whether or not they require calculus. This course satisfies one of the requirements for graduation.

APPLICATIONS OF FINITE MATH (02136G1000)

Grades: 11, 12 Credit: 1.0 Prerequisite: Algebra II with Statistics

Students who are interested in postsecondary programs of study that do not require calculus (such as elementary education, English, art, history, music and technical and trade certifications) would benefit from choosing this course as their fourth high school mathematics credit. It may also be a useful supplemental course for students pursuing a career in computer science. The wide range of topics including logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. This course satisfies one of the requirements for graduation.

CAREER MATH (02153G1001)

Grade: 12 Credit: 1.0 Prerequisite: Algebra II with Statistics

A one-credit course that provides students with the foundational knowledge and processes needed to apply mathematic concepts in a career setting. Emphasis is placed on applied problems in the areas of algebra, geometry, measurement, and probability and statistics. This course is designed to be taught by mathematics teachers or career and technical teachers. **Career Mathematics satisfies the fourth math required for graduation.**

PRECALCULUS (02110G1000)

Grade: 11, 12 Credit: 1.0 Prerequisite: Algebra II with Statistics

This course is considered a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions,

and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction will include appropriate use of technology to facilitate continued development of students' higher-order thinking skills. NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION.

HONORS PRECALCULUS (02110H1010)

Grade: 11 Credit: 1.0 Prerequisite: Honors Algebra II with Statistics

This course is considered a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction will include appropriate use of technology to facilitate continued development of students' higher-order thinking skills. NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION.

ALGEBRA WITH FINANCE

Grade(s): 11, 12 Credit: 1.0

Algebra with Finance integrates foundational algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. The course includes real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting, and planning for retirement in order to equip students with the skills necessary for employment and independent living.

EXPLORING COMPUTER SCIENCE (10012G1001)

Grade(s): 11, 12 Credit: 1.0

Exploring Computer Science (ECS) is a yearlong, introductory high school course designed to engage students in computational thinking and practice. A major aim of ECS is attracting students who might not think of themselves as "typical" candidates for computer science. ECS provides a comprehensive set of inquiry-based lessons while using a variety of tools and platforms. Students will engage in several in-depth projects to demonstrate the real world applications of computing. The course has the following units: human computer interaction, problem solving, web design, programming, computing and data analysis, and robotics. Each unit connects students' informal knowledge, technology skills, and beliefs about computing to the theoretical and foundational tenets of computer science. Students will become members of a "computing community of practice" in the classroom where they will be introduced to the behavior, language, and skills of computer scientists. **This course may satisfy 3rd or 4th science credit or 4th math credit.**

***AP COMPUTER SCIENCE PRINCIPLES (10019E1000)**

Grade: 11, 12 Credit: 1.0

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students taking the course should be strong math students. This course may satisfy 3rd or 4th science credit or 4th math credit. [*See AP Descriptor](#)

***AP COMPUTER SCIENCE A (10157E1000)**

Grade: 11, 12 Credit: 1.0

The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. This course may satisfy 3rd or 4th science credit or 4th math credit. [*See AP Descriptor](#)

***AP CALCULUS A/B (02124E1000)**

Grade: 11, 12 Credit: 1.0

College-level advanced math course approved by the College Board Advanced Placement (AP) program for calculus; functions, graphs, and limits; derivatives; integrals; polynomial approximations and series. Use of technology is an integral part of this course; therefore, a graphing calculator is required. NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. [*See AP Descriptor](#)

***AP CALCULUS B/C (02125E1000)**

Grade: 12 Credit: 1.0 Prerequisite: AP Calculus AB

College-level course approved by the College Board Advanced Placement (AP) Program for calculus; this course is an extension of AP Calculus AB rather than an enhancement; common topics require a similar depth of understanding. Use of technology is an integral part of this course; therefore, a graphing calculator is required. NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. [*See AP Descriptor](#)

***AP STATISTICS (02203E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: Algebra II with Statistics

NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. This Advanced Placement course is accelerated in rigor and pace. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four conceptual themes: observing patterns by exploring data, deciding what and how to measure in planning study, producing models using probability theory and simulation, and making statistical inferences from models. Students should expect an intensive course requiring the use of a graphing calculator. There will be applications of concepts through written work. [*See AP Descriptor](#)

DUAL ENROLLMENT PRE-CALCULUS-ALGEBRA & TRIG, MTH 112/113 (02999C1002 & 02999C1003)

Grade: 11, 12 Credit: 1.0 Tuition Cost: +/- \$550 p/course.

Prerequisite: A minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score.

This course is taught as a DUAL ENROLLMENT course with Calhoun Community College on [Austin High's](#) campus. Cost is approximately \$550.00.

MTH 112 emphasizes the algebra of functions and also covers systems of equations and inequalities, quadratic inequalities, and the binomial theorem.

MTH 113 includes the study of trigonometry and inverse trigonometric functions, and includes extensive work with trigonometric identities and equations. Additional topics may include conic sections, sequences, and using matrices to solve linear systems.

DUAL ENROLLMENT CALCULUS I, MTH 125 (02999C1005)

Grade: 12 Credit: 1.0 Tuition Cost: +/- \$550 p/course.

Prerequisite: A minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score.

This course is taught as a DUAL ENROLLMENT course with Calhoun Community College on [Austin High's](#) campus. Cost is approximately \$550.00.

Course topics include the limit of a function; the derivative of algebraic, trigonometric, exponential, and logarithmic functions; and the definite integral and its basic applications to area problems.

SCIENCE

All students are required to complete Biology, Physical Science **OR** Chemistry, and two additional Science courses to meet graduation requirements for a total of at least four credit hours.

BIOLOGY (03051G1000)

Grade: 9 Credit: 1.0

NOTE: FULFILLS THE "BIOLOGY" GRADUATION REQUIREMENT. Content standards within this course are organized into 4 core ideas: Molecules to Organisms, Ecosystems (Interactions, Energy, and Dynamics) Heredity (Inheritance, and Variations of Traits), and Unity/Diversity. Students will be required to perform laboratory investigations, problem-solving activities, keep records, make reports, present oral and written projects, and participate in discussions regarding the results and conclusions of scientific investigations.

HONORS BIOLOGY (03051E1000)

Grade: 9 Credit: 1.0

NOTE: FULFILLS THE BIOLOGY GRADUATION REQUIREMENT. Covers advanced work in the Biology Core content standards; scientific process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles. Course requirements may include, but may not be limited to, performing and presenting an integrated science project(s), writing research papers, and performing community service projects related to course topics. This course is in preparation for Advanced Placement (AP) science.

PHYSICAL SCIENCE (03159G1000)

Grade: 10 Credit: 1.0 Prerequisite: Biology

NOTE: FULFILLS THE "A PHYSICAL SCIENCE" GRADUATION REQUIREMENT; is a core science course designed as an inquiry-based introduction to the basic concepts and skills of chemistry and physics. Students will be required to perform laboratory investigations, problem-solving activities, keep records, make reports, present oral and written projects, and participate in discussions regarding the results and conclusions of scientific investigations. When taken at the high-school level, Physical Science fulfills the physical science core for either diploma.

HONORS CHEMISTRY (03101G1000)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: Completion of Biology

FULFILLS THE "A PHYSICAL SCIENCE" GRADUATION REQUIREMENT. Covers Chemistry Core content standards; scientific process and application skills; matter classification; carbon chains; periodic table; solutions; kinetic theory; stoichiometry; ideal gases; physical and chemical changes; chemical and nuclear reactions. This course will involve higher order thinking, student centered learning, and inquiry based labs as outlined by the state curriculum. A personal scientific calculator is needed to take this course. "This course satisfies all requirements for an Advanced Academic Endorsement Diploma and National Junior Honor Society. In addition, this course is weighted."

HUMAN ANATOMY AND PHYSIOLOGY (03053G1000)

Grade: 11, 12 Credit: 1.0 Prerequisite: Completion of Biology and Honors Chemistry or Physical Science

An elective biological science with content related to the structure and function of the components of the human body. Studies include, but may not be limited to, structure and function of cells, tissues, and organs; organization of the human body; biochemistry; skeletal, muscular, nervous, endocrine, digestive, respiratory, cardiovascular, integumentary, immune, urinary, and reproductive systems. Students will be required to perform laboratory investigations, problem-solving activities, keep records, make reports, present oral and written projects, and participate in discussions regarding the results and conclusions of scientific investigations. This course includes required dissections.

***AP BIOLOGY (03056E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: One year of Biology and Honors Chemistry

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for biology; Scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations. Also included are an overview of viruses, prokaryotes and protists, basic principles of ecology, plus a survey of plant and animal diversity including their classifications, morphology, physiology and reproduction. [*See AP Descriptor](#)

***AP CHEMISTRY (03106E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: Completion of Honors Chemistry

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for chemistry; atomic theory and structure; chemical bonding; nuclear chemistry; gases; liquids and solids; solutions; reaction types; stoichiometry; equilibrium; kinetics; thermodynamics. All AP chemistry students are required to take the first semester exam. [*See AP Descriptor](#)

***AP ENVIRONMENTAL SCIENCE (03207E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: Completion of Honors Chemistry

The AP Environmental Science course is designed to be the equivalent of an introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with

these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography. [*See AP Descriptor](#)

***AP PHYSICS 1 (03165E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: Completion of Biology, Honors Chemistry, and Algebra I

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. [*See AP Descriptor](#)

***AP PHYSICS 2 (03166E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: AP Physics I

AP Physics 2 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. [*See AP Descriptor](#)

***AP PHYSICS C: Mechanics (03164E1000)**

Grade: 11, 12 Credit: 1.0 Prerequisite: Pre-Calculus/Advanced Math

College-level advanced physics course following the curriculum established by the College Board Advanced Placement (AP) Program for physics; this course should provide instruction in Newton's laws of motion; work, energy and power, systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. It is strongly recommended for students who intend to major in engineering or related fields. **This class must be taken first in the AP Physics C series, and is a prerequisite for Electricity and Magnetism.** [*See AP Descriptor](#)

***AP PHYSICS C: Electricity and Magnetism (03163E1000)**

Grade: 12 Credit: 1.0 Prerequisite: Pre-Calculus/Advanced Math, Physics, AP Physics C: Mechanics

College-level advanced physics course following the curriculum established by the College Board Advanced Placement (AP) Program for physics; this course should provide instruction in electrostatics; conductors; capacitors, and dielectrics; electric circuits; magnetic fields; and electromagnetism. It is strongly recommended for students who intend to major in engineering or related fields. [*See AP Descriptor](#)

EARTH AND SPACE SCIENCE (03008G1000)

Grade: 11, 12 Credit: 1.0 Prerequisite: Biology and Physical Science

NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR "A PHYSICAL SCIENCE". Earth and Space science is an elective science course that focuses on a comprehensive application of all disciplines of science, based on our ever-changing planet and the integration of systems that constantly evolve. Content standards within this course are organized according to 2 core ideas: Earth's Place in the Universe and Earth's systems. Integrated within the disciplinary core ideas of this course are the Engineering, Technology and Applications of Science core ideas.

FIELD STUDIES (03999G1000)

Grade: 11, 12 Credit: 1.0 Prerequisite: Biology and an evaluation for with a Science instructor recommendation.

Students must also have a Driver's License.

This course combines a select group of students from both Decatur and Austin high schools to embark on a unique learning experience at Wetlands Edge Environmental Center (WEEC). Much of the course will be conducted in the field where activities include bio-assessment of streams, wading water using nets and seines and more. Emphasis of the course will be on aquatic ecosystems but will include a variety of class and field experiences. Much of the course will be conducted in the field where activities include bio-assessment of streams, wading water using nets and seines, handling organisms, specimen collecting, water testing, hiking, orienteering, wildlife inventory, and generally getting wet and dirty. Emphasis of the course will be on aquatic ecosystems but will include a variety of class and field experiences in other areas such as ichthyology, herpetology, and ornithology. Students will also need to have an appreciation for animals as they will be involved in the life support and husbandry of the many organisms displayed in the center. Class will require a strong commitment from students as it can only be taught 4th block and must extend beyond the regular school day (flexibility with your employer if you work). Number will be limited due to the nature of the class. Students will drive or carpool to the WEEC site or other study sites daily for class.

HUMAN BODY STRUCTURES AND FUNCTIONS (14299G1001)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: Medical Professions I

Human Body Structures and Functions is a one-credit course designed to help students develop a basic knowledge of the normal structure and function of the human body. The course uses an integrated approach for teaching medical terminology to the health care student by incorporating medical terminology into instruction regarding human body structures and functions and the disease process. This course is equal to a science credit for 11th or 12th grade year. **Course is held at the Career Academies of Decatur.**

MARINE SCIENCE (BIOLOGY) (03005G1000)

Grade: 11, 12 Credit: 1.0 Prerequisite: Biology and Physical Science

Scientific process and application skills. Designed to introduce the concepts of freshwater and marine biology. Students will learn about the physical characteristics such as salinity, pressure, and currents of the ocean as well as marine habitats—coral reefs, open ocean, estuaries, beach life, and deep ocean. An emphasis will be on key ocean animals such as sharks, whales, dolphins, sea lions, and penguins.

EXPLORING COMPUTER SCIENCE (10012G1001)

Grade(s): 11, 12 Credit: 1.0

Exploring Computer Science (ECS) is a yearlong, introductory high school course designed to engage students in computational thinking and practice. ECS provides a comprehensive set of inquiry-based lessons while using a variety of tools and platforms. Students will engage in several in-depth projects to demonstrate the real world applications of computing. The course has the following units: human computer interaction, problem solving, web design, programming, computing and data analysis, and robotics. Each unit connects students' informal knowledge, technology skills, and beliefs about computing to the theoretical and foundational tenets of computer science. Students will become members of a "computing community of practice" in the classroom where they will be introduced to the behavior, language, and skills of computer scientists. This course may satisfy 3rd or 4th science credit or 4th math credit.

***AP COMPUTER SCIENCE PRINCIPLES (10019E1000)**

Grade: 11, 12 Credit: 1.0

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students taking the course should be strong math students. This course may satisfy 3rd or 4th science credit or 4th math credit. [*See AP Descriptor](#)

***AP COMPUTER SCIENCE A (10157E1000)**

Grade: 11, 12 Credit: 1.0

The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. This is considered to be a first course in computer science. This course may satisfy 3rd or 4th science credit or 4th math credit. [*See AP Descriptor](#)

SOCIAL STUDIES

All students must complete World History, two years of United States History, Government, and Economics to meet graduation requirements for a total of at least 4 credit hours.

WORLD HISTORY: 1500 TO PRESENT (04053G1000)

Grade: 9 Credit: 1.0

Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present. This course continues the study of world history from 1500 to the present. Critical thinking and analysis are important in this course. The course directs students to think critically about the forces that combine to shape the world today. Students will analyze development and changes in the European, Asian, African and American civilizations and the ways in which the interactions of these cultures have influenced the formation of today's world. Geographic concepts increase learners' comprehension of global connections as they expand their knowledge and understanding of a wide variety of cultures, both historical and contemporary. Knowledge and understanding gained during the previous year's study provide the foundation for the critical analysis required in this course. This is a required social studies course for students in Alabama schools.

HONORS WORLD HISTORY: 1500 TO PRESENT (04053E1000)

Grade: 9 Credit: 1.0

Advanced work in the chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of Global War; the Cold War era; the world from 1500 to present. This course will follow the same course of study as that of grade level and honors World History. However, it will go into greater depth and detail in an attempt to find the connecting patterns in historical study. It will stress development of historical reading comprehension skills and strategies, critical thinking, writing, listening, note-taking, and test-taking skills. The course will also include analysis of primary historical documents and an introduction to electronic scholarly research. The course is highly recommended for those students preparing for AP U.S. History.

***AP WORLD HISTORY: 1500 TO PRESENT (04057E1000)**

Grade: 9 Credit: 1.0 Prerequisite: Advanced 8th World History or Administrator Approval

Advanced work in the chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of Global War; the Cold War era; the world from 1500 to present. This course will follow the same course of study as that of grade level and honors World History. However, it will go into greater depth and detail in an attempt to find the connecting patterns in historical study. It will stress development of historical reading comprehension skills and strategies, critical thinking, writing, listening, note-taking, and test-taking skills. The course will also include analysis of primary historical documents and an introduction to electronic scholarly research. The course is highly recommended for those students preparing for AP U.S. History in 10th grade.

UNITED STATES HISTORY TO 1877 (04102G1000)

Grade: 10 Credit: 1.0 Prerequisite: Sophomore Status

Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; concepts related to Alabama history and geography. The U.S. History to 1877 is a comprehensive two-year sequence beginning in the 10th grade with beginnings to 1877 and 1877 to present. Students will begin with the earliest discoveries on the North American continent and follow a chronological study of the major events, issues, movements, leaders and groups of people of the United States through the Reconstruction period from a national and Alabama perspective. This course will build upon the foundation of knowledge gained in the 5th and 6th grades as well as the 8th and 9th grades World History. This course will follow the state course of study and emphasize the competencies needed to pass the Social Studies section of the graduation exam.

HONORS UNITED STATES HISTORY 10 (04102E1000)

Grade: 10 Credit: 1.0 Prerequisite: Honors or AP World History

This course is a survey course in American history and is designed to provide students with a solid foundation for understanding and analyzing the history of the United States from colonization through Industrialization. This course is rigorous and is intended to prepare students for AP US History and the AP Exam. This course requires students to develop skills in note-taking, organization, logic, analysis, synthesis, evaluation, critical thinking, reading and writing. Students will complete advanced work in the chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; concepts related to Alabama. This course is an above grade-level class equivalent to an introductory college course in early United States history through Reconstruction. Students will analyze the political, social, economic, literary and cultural history of the United States. Students will learn to interpret and apply data from original documents, compare and contrast change over time, and be able to support or refute an argument or position. Students in this class are on track to take AP US History. A considerable amount of self-directed study will be required of students who expect to do well on the AP exam.

UNITED STATES HISTORY FROM 1877 TO PRESENT (04103G1000)

Grade: 11 Credit: 1.0

Chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States, concepts related to Alabama history and geography. This course continues the study of United States History from the tenth grade and follows the current course standards. It studies the economic, geographic, social, and political development of the United States after the Reconstruction era. This course is built upon the previous knowledge foundation obtained in the tenth grade course. It will show how America grew into an international power after Reconstruction. This course is a critical analysis of the United State decision and actions on major domestic issues as well as international affairs.

***AP UNITED STATES HISTORY FROM 1877 TO PRESENT (04104E1000)**

Grade: 11 Credit: 1.0 Prerequisite: Honors 10 US History

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for United States history. This is an above grade-level class equivalent to an introductory college course in United States history, reconstruction through current times. The students will evaluate historical materials to weigh the evidence and interpretations presented by historical research. The students will analyze the political, social, economic, literary and cultural history of the United States. Students will participate in discussion, write essays and use primary sources to write document-based questions (a minimum of 2 timed writings each 9 weeks). This course requires the ability to comprehend college level material, to synthesize new information and be a self-motivated learner. Summer reading is required. [*See AP Descriptor](#)

DUAL ENROLLMENT UNITED STATES HISTORY, HIS 201/202 (04999C1009/04999C1010)

Grade: 10, 11 Credit: 1.0

Tuition Cost: +/- \$550 p/course.

US History 201 surveys United States history during colonial, Revolutionary, early national, and antebellum periods. It concludes with the Civil War. US History 202 is a continuation of US History 201. It surveys United States history from the Reconstruction era to the present.

ECONOMICS (04201G0500)*Grade: 12 Credit: .50*

A one-semester course required of all seniors paired with US Government includes the basic concept of how our economic system works as compared to other systems, what the unique qualities of the free enterprise system are, and how the individual operates within the system. The study emphasizes the cause and effect of economic actions, consumer planning and participation, consumer problems, and world activities. The course incorporates a study of comparative economics, economic theory, and consumer economics; therefore, a broad conceptual approach is mandated. Also incorporated are basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U. S. banking system; role of Federal Reserve bank. The study of man's efforts to satisfy his unlimited wants through the use of his scarce and limited resources. **This is a ½ credit course.**

UNITED STATES GOVERNMENT (04151G0500)*Grade: 12 Credit: .50*

A one-semester course required of all seniors and is paired with Economics. Government is a study of the origins, development, and principles of the United States political system. It includes comparisons of democracy and other political systems while emphasizing the basic civil rights inherent to the American political system. The course also includes a review of the foundations of American government from the point of view of the practical day-to-day workings of the government, political parties, and a detailed study of the legislative, executive, and judicial branches of government. Also incorporated are origins, functions, and branches of U.S. government; representative democracy; federalism; political/civic life; analysis of the Constitution, Bill of Rights, and other relevant documents; foreign policy. **This is a ½ credit course**

AP UNITED STATES GOVERNMENT AND POLITICS (04157E1000)Grade: 11, 12 Credit: 1.0 Prerequisite: Approval of the Advanced Placement Teacher*

A year long, College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for U. S. government and politics. A two-semester course designed to provide the student with a learning experience obtained in most college introductory American government and politics courses. The course is designed to give students a critical perspective on government and politics in the United States through application of topics and concepts learned in class to current events. The course involves the study of general concepts used to interpret American politics and the analysis of scientific case studies, interpretation of acclaimed readings on American government and politics, and thorough analysis of political current events. It also requires familiarity with the various institutions, groups, practices, beliefs and ideas that make up the American political reality. Topics to be explored are the Constitutional underpinnings of American government, American political beliefs and behaviors, linkage institutions, policy-making institutions, different types of policy, civil liberties, and civil rights. The course is taught on the freshman college level and is designed to prepare students for the AP exam in the spring. [*See AP Descriptor](#)

AP MACROECONOMICS (04202E1000)Grade: 11, 12 Credit: 1.0*

Year long, College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for macroeconomics; basic economic concepts; measurement of economic performance; national income and price determination; financial sector; inflation, unemployment, and stabilization policies; economic growth and productivity; open economy; international trade and finance. A one-semester course for which college credit may be earned. The content will help students develop critical thinking skills through the understanding, application, and analysis of fundamental economic concepts. In this course, students will learn to apply quantitative and mathematical skills to the discipline of Economics. The course teaches the students to test economic propositions empirically, improve their decision-making skills, and apply economic logic to a wide variety of real and hypothetical situations. The course is taught on the freshman college level and is designed to prepare the students for the advanced placement exam in the spring. [*See AP Descriptor](#)

FOREIGN LANGUAGES

TWO SEQUENTIAL FOREIGN LANGUAGE REQUIRED FOR NATIONAL HONOR SOCIETY AND ADVANCED ACADEMIC ENDORSEMENT WITH HONORS DIPLOMA.

FRENCH 1 (24102G1000)*Grade: 9, 10, 11, 12 Credit: 1.0*

Students study basic grammar, common expressions, vocabulary, and sentence structure. Comprehension and proper pronunciation are emphasized. Each lesson includes oral drills, written practice, reading, and listening exercises. Oral presentations and tests will be assigned. French culture and geography are also explored. It is recommended that students maintain a "C" or above average in previous English/Language Art courses.

FRENCH 2 (24103G1000)*Grade: 10, 11, 12 Credit: 1.0 Prerequisite: French 1*

Students focus on listening, speaking, reading, and writing skills in greater depth. A major emphasis is the oral use of the language in everyday situations. Oral presentations and tests will be assigned. Reading skills are expanded through the use of short stories, and dialogues. Students will also be required to write paragraphs in the target language. It is recommended that students complete French 1 with at least a "C" average.

FRENCH 3 (24104G1000)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: French 2

Students continue to build communicative skills, review grammar, read and write creatively, and gain more insight into French culture, including art and history. Intermediate-level conversation will be an important component of the class, as well as readings from Francophone literature and a French current events magazine. Oral presentations and tests will be assigned. Students will be required to write short compositions in the target language. Little English will be spoken in the class. It is recommended that students complete French 2 with at least a “C” average.

FRENCH 4 (24105G1000)

Grade: 11, 12 Credit: 1.0 Prerequisite: French 3

Students will review all French grammar encountered in the first three years of study. Students will become highly proficient. Students will improve their communicative competence through the study of French history, art, literature, and culture. Students will be required to write compositions and discuss readings in the target language. Little English will be spoken in class. Oral presentations and tests will be assigned. It is recommended that students complete French 3 with at least a “C” average.

Spanish 1 (24052G1000)

Grade: 8, 9, 10, 11, 12 Credit: 1.0

Students will be introduced to the Spanish language and the cultures of Spanish-speaking nations. Basic skills are stressed in the areas of listening, speaking, reading, and writing in Spanish. The acquisition of vocabulary is especially emphasized. Students will be expected to speak Spanish and to participate in activities with other students. Oral presentations and written exercises are required.

Spanish 2 (24053G1000)

Grade: 9,10,11,12 Credit: 1.0 Prerequisite: Spanish 1

Students will build upon the vocabulary and basic grammar taught in Spanish 1 to become more proficient. Students will become more adept at creating with language through speaking, listening, reading, and writing activities with comprehension. Students will further their understanding of Spanish-speaking cultures.

Spanish 3 (24054G1000)

Grade: 10,11,12 Credit: 1.0 Prerequisite: Spanish 2

Students will continue to build communicative skills, review grammar, read and write creatively, and gain more insight into Spanish cultures and civilizations. Students will further their listening and speaking skills, including understanding and responding to factual and interpretive questions, paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts.

Spanish 4 (24055G1000)

Grade: 11,12 Credit: 1.0 Prerequisite: Spanish 3

Students will continue honing skills of listening and speaking, including understanding and responding to factual and interpretive questions; proposing and supporting solutions to issues and problems; creating compositions. Emphasis is on communication in the target language through the use of the four skills of reading, writing, listening, and speaking. Culture and language will be studied extensively through authentic texts.

***AP Spanish (24064E1000)**

Grade: 11,12 Credit: 1.0 Prerequisite: Spanish 3 or 4, or Instructor approval

College level advanced language course following the curriculum established by the College Board Advanced Placement (AP) program for Spanish. This course work is conducted primarily in Spanish. Content includes extensive reading of Spanish literature in Spanish, in depth study of Spanish and Hispanic culture and history, as well as composition of essays in Spanish. The student will exhibit skill levels of reading, writing, listening, and speaking consistent with those in sophomore level college classes by the completion of this course.

ARMY JROTC

The mission of JROTC is to “Motivate young people to be better citizens.” JROTC is a progressive development program that teaches citizenship and provides high school students the opportunity to learn and practice leadership. The curriculum is designed to help high school cadets to develop the following core capabilities: Build capacity for lifelong learning, communication skills, personal responsibility, citizenship, teamwork, leadership, fitness, and critical reasoning & decision-making. To gain maximum benefit, cadets are encouraged to enroll their freshman year and remain in the program through their senior year. The JROTC program is flexible to accommodate new students to enroll at any time.

ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET I) (09051G1001)

Grade: 8, 9 Credit: 1.0 (8th AJHS ONLY)

A one-credit course designed for first-year cadets. The class is both classroom and laboratory instruction about the history, customs, traditions and purpose of Army JROTC. Emphasis is placed on basic leadership principles, values, teamwork, and personal responsibility.

ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET II) (09052G1001)

Grade: 9, 10 Credit: 1.0 Prerequisite: 1st year, JROTC Leadership Education & Training (LET 1)

A one-credit course designed to build on LET 1 first year JROTC classes. The course provides cadets intermediate instruction on leadership theories, methods and practical application in the classroom and during labs and JROTC unit activities outside the classroom. Emphasis is placed on communication techniques, citizenship, fitness and map reading / orienteering skills.

ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET III) (09053G1001)

Grade: 11 Credit: 1.0 Prerequisite: 1st & 2nd Years, JROTC Leadership Education & Training LET ½

A one-credit course designed to provide advanced instruction in leadership, communication, and problem-solving. Students will have hands-on experiences as leaders in the unit and assist in the integration, training and team building of (LET 1 and LET 2) less experienced cadets. Emphasis is placed on negotiation skills, communication, fitness and management principles.

ARMY JROTC LEADERSHIP EDUCATION AND TRAINING (LET IV) (09054G1001)

Grade: 12 Credit: 1.0 Prerequisite: 1st, 2nd and 3rd Years, JROTC Leadership Education & Training LET 1/2

A one-credit course provides leadership opportunities for students to develop as leaders in assigned command, staff and project leadership positions. Students are assigned leadership positions within the JROTC unit organization and fulfill responsibilities for planning according to their position, assigned projects and specialty teams that they choose to join. Emphasis is placed on improving communication techniques, planning and executing training, decision making and life skills after high school.

ARMY JROTC SPECIALTY TEAMS (09990G1005)

Grade: 9 - 12 Credit: 1.0 Prerequisite: Approval from instructor

FINE ARTS

VISUAL ARTS

INTRODUCTION TO VISUAL ARTS (05154G1001)

GRADES: 9, 10, 11, 12 CREDIT: 1.0

Create; produce; elements and principles of design; two-and three- dimensional techniques and media; art history; art vocabulary; aesthetics; criticism; solution of art problems to communicate ideas; safety issues with handling and storage of materials. This course is a study of the basic fundamentals of art and is a prerequisite for advanced art courses. It provides students with an overview introduction to media and to various techniques in the areas of drawing, painting, sculpture, ceramics, printmaking, crafts, art history, and critique. This course is offered to all students.

PAINTING I (05999C1010)

GRADES: 9, 10, 11, 12 CREDIT: 1.0

For everyone who wants to learn artistic painting! This is a one-credit course where you will learn two-dimensional design; problem-solving using a variety of painting media and techniques; elements and principles of design; aesthetics; criticism and art history; evaluation of artwork. Drawing required.

VISUAL ART II/PAINTING II (05157G1002)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: Introduction to Visual Art

Create; visual relationships; problem solve using a variety of media and techniques; elements and principles of design; aesthetics; criticism; art history; art vocabulary; evaluation of artwork; interdisciplinary connections. Visual Arts II is a review of various art media, techniques, skills, and art appreciation. Emphasis is on observational drawing skills and the creative process. Students will learn to think conceptually while increasing their skills in the following areas: composition, drawing, painting, and printmaking.

VISUAL ART III/PAINTING III (05157F1003)

Grade: 11, 12 Credit: 1.0 Prerequisite: Introduction to Visual Art and Visual Art /Painting II

Create; problem solve; utilize a variety of media and techniques; communicate concepts, emotions, intentions; elements and principles of design; technology; independent research; self-directed sketchbook; critical analysis; aesthetics; art history; interdisciplinary connections. Visual Arts III gives students the opportunity to work in areas of special interest in regard to media and theme. This course is primarily geared toward, but not limited to, students preparing for the AP Art courses. Primary emphasis will be on producing portfolio quality pieces for the breadth and quality sections of the AP art portfolio.

VISUAL ART IV/PAINTING IV (05157G1004)

GRADES: 9, 10, 11, 12 CREDIT: 1.0 PREREQUISITE: INTRODUCTION TO VISUAL ART AND VISUAL ART III/PAINTING III

Prerequisite: Painting III Create; problem solve; utilize a variety of media and techniques; communicate concepts, emotions, intentions; elements and principles of design; technology; independent research; self-directed sketchbook; critical analysis; aesthetics; art history; interdisciplinary connections.

CERAMICS I (05165G1001)

Grades: 10, 11, 12 Credit: 1.0

This class is an introduction to clay, fine crafts, and 3-D design with an emphasis on hand building and throwing techniques. Applied (functional) art techniques will also be taught. Students are encouraged to explore creative expression by solving problems of three dimensional form and utilizing surface embellishment. Other techniques may include but are not limited to jewelry, stained glass, textiles, and mixed-media.

CERAMICS II (05159G1002), CERAMICS III (05159G1003), CERAMICS IV (05159G1004)

Grades: 11, 12 Credit: 1.0 Prerequisite: Previous Year(s) Course(s)

A continuation of the previous course with an emphasis on building a body of work and preparing the student's portfolio for college and scholarship applications.

DRAWING I (05999C1005)

Grades: 10, 11, 12 (9th DHS Only) Credit: 1.0

If you love to draw, or don't know how and want to learn, this is the class for you! This is a one-credit course where you will learn two-dimensional design; problem-solving using a variety of drawing media and techniques; elements and principles of design; aesthetics; criticism and art history; evaluation of artwork.

DRAWING II (05156G1002), DRAWING III (05156G1003), DRAWING IV (05156G1004)

Grades: 10, 11, 12 Credit: 1.0 Prerequisite: Previous Year(s) Course(s)

A continuation of the previous course with an emphasis on building a body of work and preparing the student's portfolio for college and scholarship applications.

DIGITAL PHOTOGRAPHY I (05167G10D1)

Grades: 10, 11, 12 Credit: 1.0

Document the world around you and tell your story through photographs. This is a one-credit course where you will learn the elements and principles of design; aesthetics; criticism; art/photography history; evaluation of artwork; proper care and storage of photography supplies; integration of appropriate media and techniques; communication of ideas; solution of artistic problems; use of technology. **DIGITAL CAMERA WITH MANUAL SETTING REQUIRED; NO CELL PHONE CAMERAS.**

DIGITAL PHOTOGRAPHY II (05167G10D2)

Grades: 11, 12 Credit: 1.0 Prerequisite: Digital Photography I

A continuation of the previous course with an emphasis on building a body of work and preparing the student's portfolio for college and scholarship applications.

GRAPHIC ARTS (05162G1001)

Grades: 9, 10, 11, 12 Credit: 1.0

Elements and principles of design; problem-solving using appropriate media, techniques, or processes; integration of technology; aesthetics; criticism; art history; evaluation of artwork. This class incorporates the use of a computer along with various software programs to produce professional imagery that could be used in the advertising and promotional field. Art skills are beneficial but not required. Creativity, imagination, and a good work ethic are vital to be successful in this class.

VIDEO GAME DESIGN I (05253G1001)

Grades: 10, 11, 12 Credit: 1.0

Video games are a multibillion-dollar industry, and you can get a head start in the field while still in high school. Sequential art introduces you to video game design, animation, and comics and then allows you to focus on developing your skills as a videogame designer. This is a one-credit course where you will learn two-dimensional design; problem-solving as it relates to storytelling; art as communication; elements and principles of design; aesthetics; the history of sequential art; evaluation of artwork.

VIDEO GAME DESIGN II (05253G1002), VIDEO GAME DESIGN III (05253G1003)

Grades: 11, 12 Credit: 1.0 Prerequisite: Previous Year(s) Course(s)

A continuation of the previous course with an emphasis preparing the student's portfolio for college and scholarship applications.

SEQUENTIAL ART I (05255G1001)

Grades: 10, 11, 12 Credit: 1.0

This one credit course, proficient level, introduces the creative and conceptual aspects of designing and producing moving and sequential images for the variety of cinematic, film/video, static sequential, and multimedia presentations including: fictional dramas, documentaries, music videos, artistic and experimental presentations and/or installations, interactive, immersive and performance media, traditional and digital comics, etc. Typical course topics include: aesthetic meaning, appreciation and analysis of moving imagery; all processes of development including: storytelling, pre-production planning and organization, production and post-production methods, tools and processes; moving image presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

SEQUENTIAL ART II(05255G1002)

Grades: 11, 12 Credit: 1.0

This course topic's include: aesthetic meaning, appreciation and analysis of moving imagery; all processes of development including: storytelling, pre-production planning and organization, production and post-production methods, tools and processes; moving image presentation, transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.

***AP STUDIO ART DRAWING (05172E1000)**

Grades: 12 Credit: 1.0 Prerequisite: Introduction of Visual Arts, Visual Arts II, and Visual Arts III

College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation.

[*See AP Descriptor](#)

Broadcasting

Grades: 9, 10, 11, 12 Credit: 1.0

This course is designed for the study and practice of the basic elements of broadcast journalism and video production. The course will emphasize news-gathering, writing, video recording, editing, and the study of mass media. Students will learn the basic elements of news value and vocabulary specific to broadcast writing. They will also identify various news sources and use interview skills to create stories using video and editing software. This course also explores the world of digital video and television production. Students learn on professional equipment in a modern digital TV studio. Students work in collaborative teams to produce projects using cameras, while learning the basics of studio and field production, lighting and sound.

BAND

MARCHING BAND (05102G1001)

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Approval of band director

Perform; compose; analysis; criticism; history; characteristic tone in all registers; intonation; balance; notate, sight-read Grade IV literature; scales and rudiments required in Level IV music standards. Designed for students in the 9th through 12th grades with previous instrumental music experience. It includes participation in the concert band, and other small ensembles. The concert band presents a Spring concert and participates in State Band Assessment. This course will count as a Fine Arts credit or PE credit.

CONCERT/SYMPHONY BAND

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Approval of band director

Perform; compose; analysis; criticism; history; characteristic tone in all registers; intonation; balance; notate, sight-read Grade IV literature; scales and rudiments required in Level IV music standards. Designed for students in the 9th through 12th grades with previous instrumental music experience. It includes participation in the marching and concert bands. This class is required for all members of the marching band and color guard. The marching band performs at football games, local parades. The concert band presents a Christmas concert. This course will count as a Fine Arts credit.

COLOR GUARD (05149G1012)

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Audition and approval of band director

This class is designed for members of the DHS band color guard only. It allows this auxiliary group a chance for structured daily rehearsal. It is required to register for this class for both 1st and 2nd semester to be a member of the color guard. This course will count as either a Fine Arts or P.E. credit.

PERCUSSION (05109G10P1)

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Approval of band director

Playing instruments; elements of music; perform; compose; criticism; producing sounds; demonstrating components essential to the production of characteristic tones, sight-reading unison literature and rhythms; developing full spectrum of scales; developing mastery of rudiments; history. This class is designed to instruct band students on how to play an instrument and become a better musician. This course will count as a Fine Arts credit.

INSTRUMENTAL MUSIC (05149G1011)

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Approval of band director

Small groups of students scheduled through the day in instrumental music classes. Instruction is on an individual basis, with individual practice required and private lessons given at least once or twice a week to each student by the band director. Music Theory is taught as a part of the class when the makeup of the class lends itself to being a productive activity for the students. Students are expected to audition and participate in All-State and Solo and Ensemble Festival.

CHORUS

INTERMEDIATE MIXED CHOIR (05110G1003)

Grade: 9 Credit: 1.0 Fee: \$55.00

This is a one credit course for 8th or 9th graders designed to extend students' vocal music knowledge and skills as well as provide students with a deeper understanding and appreciation of the study of music. Students sight read three and four part literature and demonstrate technical expertise in producing a characteristic vocal sound individually and in groups. They perform a varied repertoire of music in various languages and are proficient in evaluation performances.

MEN'S CHOIR (VOCAL I) (05111G10M1)

Grade: 9, 10, 11, 12 Credit: 1.0 Fee: \$55.00

This course offers beginning or intermediate singers the opportunity to develop skills which will allow them to be successful in more advanced mixed ensembles. Level I Vocal Music is designed to address the needs of young musicians who are eager to explore vocal music instruction regardless of grade level. Content standards for Level I emphasize the fundamentals of singing, sight-reading, listening and beginning theory. Students have the opportunity to perform a varied repertoire of literature from various stylistic periods and composers, compare music of various cultures, and learn how concepts in music relate to concepts in other disciplines.

WOMEN'S CHOIR (VOCAL I) (05111G10W1)

Grade: 9, 10, 11, 12 Credit: 1.0 Fee: \$55.00

This course offers beginning or intermediate singers the opportunity to develop skills which will allow them to be successful in more advanced mixed ensembles. Level I Vocal Music is designed to address the needs of young musicians who are eager to explore vocal music instruction regardless of grade level. Content standards for Level I emphasize the fundamentals of singing, sight-reading, listening and beginning theory. Students have the opportunity to perform a varied repertoire of literature from various stylistic periods and composers, compare music of various cultures, and learn how concepts in music relate to concepts in other disciplines.

CONCERT CHOIR (VOCAL II) (05110G1003)

Grade: 10, 11, 12 Credit: 1.0 Fee: \$55.00 Prerequisite: Vocal I

Course designed to extend students' vocal music knowledge and skills and provide students with a deeper understanding and appreciation of the study of music. The level of students' technical skills and artistry increase as students strive to perfect their voices. Students sight-read three and four-part literature and demonstrate technical expertise in producing a characteristic vocal sound individually and in groups. They perform a varied repertoire of music in various languages and are proficient in evaluation performances.

SHOW CHOIR (VOCAL III) (05121G1001)

Grade: 10, 11, 12 Credit: 1.0 Fee: \$55.00 Prerequisite: Vocal I and audition

This is an advanced, auditioned/selected vocal ensemble that performs using accompanied music from the 20th century – present, choreography, and costumes. However, music from other eras is also used throughout the course of the year. Emphasis is placed upon quality singing and tone production, choreography, responsibility to an organizational effort, independence of thought, critical thinking, and analysis of one's own and ensembles' performance, and attention to detail and high expectations in performance and comprehension of the subject matter. An audition process is required.

CHAMBER CHOIR (VOCAL IV) (05111G10C1)

Grade: 10, 11, 12 Credit: 1.0 Fee: \$55.00 Prerequisite: Vocal I and audition

Course is designed to extend students' vocal music knowledge and skills and provide students with a deeper understanding and appreciation of the study of music. The level of students' technical skills and artistry increase as students strive to perfect their voices. Students fluently sight read multipart literature and demonstrate technical expertise in producing a characteristic vocal sound individually and in groups. They perform a varied repertoire of music in various languages and are proficient in evaluation performances. Level IV standards are appropriate for the school's most successful vocal musical ensembles. An audition process is required.

AP MUSIC THEORY (05114E1000)

Grades: 10, 11, 12 Credit: 1.0 Prerequisite: Teacher approval

This course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Students understand basic concepts and terminology by listening to and performing a wide variety of music.

DRAMA**DRAMA I (05052G1001)**

Grade: 9, 10, 11, 12 Credit: 1.0

Theatre I is an introductory course designed to give an overview of the world of theatre. Students will gain acting experience through monologues, scene work, pantomime, improvisation, classical performance, musical theatre, and play performance. Students will learn about the origins of theatre through a history unit. Students will explore their senses and emotions through class exercises.

DRAMA II (05052G1002)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: Drama I

This course is a continuation of Theatre I on a more advanced and technical level. Participation in school productions, theatre competitions, and workshops is highly encouraged.

DRAMA III (05052G1003)

Grade: 11, 12 Credit: 1.0 Prerequisite: Drama I and Drama II

Theatre III is designed primarily for the serious theatre student who wants to continue to improve his/her performing abilities. Students will focus primarily on auditioning skills and methods of acting and directing. Participation in school productions, district competitions, and workshops is required.

TECHNICAL THEATER PRODUCTION (05056G1001)

Grade: 10, 11, 12 Credit: 1.0

Technical theatre is an introductory course designed to teach students the production aspects of Theatre. Students will be certified in tools and safety procedures, learn basic carpentry, painting, sound engineering and light board operation. Students are required to participate as crew members for all Theatre productions. Students will also learn to run school events such as band, choir, and orchestra concerts in addition to other specialized events.

THEATRICAL MAKEUP/COSTUME DESIGN (05056G10M2)

Grade: 11, 12 Credit: 1.0 Fee: \$25

This course is to expose you to the various aspects of theatrical makeup and costume design. You will learn about products, tools and techniques of makeup application for the stage including basic highlight and shadow, character make-up, and costumes.

PHYSICAL EDUCATION, HEALTH, AND ATHLETICS

Beginning Kinesiology FOR BOYS (08017G1000)

Grade: 9, 10, 11, 12 Credit: 1.0

This course consists of instruction in and knowledge of a variety of activities such as individual and conditioning exercises, rhythms, tumbling, gymnastics, team sports, and individual sports. The high school required course, LIFE (Lifetime Individualized Fitness Education) provides a blueprint for a lifetime of healthy living.

Beginning Kinesiology FOR GIRLS (08017G1000)

Grade: 9, 10, 11, 12 Credit: 1.0

This course consists of instruction in and knowledge of a variety of activities such as individual and conditioning exercises, rhythms, tumbling, gymnastics, team sports, and individual sports. The high school required course, LIFE (Lifetime Individualized Fitness Education) provides a blueprint for a lifetime of healthy living.

BODY CONDITIONING FOR GIRLS (08005G1000)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: LIFE Physical Education

This course is focused on developing a healthy body composition through aerobic training and body sculpting. Activities included will be floor aerobics, tae bo, walking, step aerobics and body sculpting.

STRENGTH TRAINING/CONDITIONING FOR BOYS (08005G1000)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: LIFE Physical Education

This course is focused on improving all five (5) components of fitness through strength training and aerobic activities.

ADV. SPORTS CONDITIONING FOR BOYS**ADV. SPORTS CONDITIONING FOR GIRLS**

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Coach's approval

The Advanced Sports Conditioning courses are designed to provide weight training and conditioning for all athletes.

HEALTH (08051G0500)

Grade: 10 Credit: 0.5

It is a diversified course covering many contemporary topics. The units covered will include, but not be limited to: mental wellness, personal fitness, nutrition, parenting, CPR, first aid, and sexually transmitted diseases. This course satisfies the Health requirement and recommended to be taken in the 10th grade.

SPORTS OFFICIATING (08019G1000)

Grade: 9, 10, 11, 12 Credit: 0.5

This course does not fulfill the Physical Education requirement. This course is an elective.

ATHLETICS

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Coach's approval

The sports listed below may meet on both A and B days.

BASEBALL (08013G10BA)

BASKETBALL – BOYS (08013G10BK)

BASKETBALL – GIRLS (08013G10BK)

CHEERLEADING (08006G10CH)

FOOTBALL (08013G10FB)

CROSS COUNTRY (08013G10CC)

GOLF (08013G10GO)

SOCCER-BOYS (08013G10SC)

SOCCER-GIRLS (08013G10SC)

SOFTBALL (08013G10SB)

TENNIS (08011G10TN)

TRACK (08013G10TF)

VOLLEYBALL (08013G10VB)

ADDITIONAL ELECTIVES**DRIVER AND TRAFFIC SAFETY EDUCATION (08152G1000)**

Grades: 10 Credit: 0.5 Prerequisite: A valid learner's permit

Safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience, safety practices and a practical application of traffic laws.

MATHEMATICS SUPPLEMENTAL LAB (02996G1000)

Grades: 9,10,11,12 Credit: 1.0

This course does not satisfy a mathematics requirement for graduation. Students will receive instructional support to enrich their mathematics courses.

E-SPORTS

Grades: 10, 11, 12 Credit: 0.5 Fee: \$100.00

Students will learn to play AHSAA approved video games in eSports. Students will learn about sportsmanship, teamwork, cooperation, and will play multiple legends competitively after school.

ACT PREP (22001G0500)

Grades: 9, 10, 11, 12 Credit: 1.0

This is a class for students that wish to improve their test taking abilities and better prepare for the ACT. Students will be required to sit for one non-state mandated ACT.

AUSTIN AMBASSADOR (22994X1002) AUSTIN HIGH SCHOOL ONLY

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: Teacher Approval

Students will travel to elementary schools daily and mentor students in grades K-5. In addition, students will enhance and utilize their leadership skills.

RENAISSANCE TEAM/STUDENT COUNCIL (22994X1002) DECATUR HIGH SCHOOL ONLY

Grade: 9, 10, 11, 12 Credit: 1.0 Prerequisite: Teacher Approval

Students must complete an application packet and be selected to remain in this course. The DHS Renaissance Team/Student Council will work on improving school climate and culture for both students and educators. Service hours outside of the regular school day will be required by this team.

OFFICE ASSISTANT / STUDENT AIDES (22051X1000)

Grade: 10, 11, 12 Credit: 1.0 Prerequisite: Administrator approval; completed application submitted to Guidance

Main Office (802206al), Guidance Office (802206ak), Library Media Center (802206an), Developmental/ Learning Center Program (802206ah), Genius Bar/Chrome Aide (802206) - Student HelpDesk assigned to assist DCS Technology Department with individual school technology needs.

ACADEMIC TUTOR(22107X1000) DECATUR HIGH SCHOOL ONLY

Grade: 11, 12 Credit: 1.0 Prerequisite: Administrator approval

Supervised tutoring services offered by students. Students will work in academic areas with individual students and small groups of students. A student applying for this course must have his/her own means of transportation.

YEARBOOK (11104X1000)

Grades: 9 - 12 Credit: 1.0

This course exposes students to the principles of layout design, copywriting, editing, photography (basics), photo preparation, and caption writing. By meeting deadlines, students will learn to work under time pressure. Their main responsibility will be to prepare the school yearbook for publication. This includes duties involving photo scheduling, yearbook sales, and fundraising activities. This course is an elective credit and not an English credit.

HISTORY THROUGH AMERICAN FILM (04099G1000)

Grades: 11, 12 Credit: 1.0

The History of American Film is a chronological survey course on movies and their cultural significance to the nation. Students will study the development of the film industry and consider the place of Hollywood in American popular culture. Films will be studied both in and out of class and students will learn to make critical judgments on how films both reflect and shape the lives of Americans. Students will also learn to see how movies influence pop culture and vice versa. Class discussion on films will ultimately lead to higher thinking skills as students decide if Hollywood is producing great works of art or merely entertainment. This course is an elective course and does not fulfill the requirement for a social studies credit.

***AP PSYCHOLOGY (04256E1000)**

Grade: 10, 11, 12 Credit: 1.0

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. [*See AP Descriptor](#)

***AP HUMAN GEOGRAPHY (04004E1000)**

Grade: 10, 11, 12 Credit: 1.0

The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. [*See AP Descriptor](#)

AFRICAN AMERICAN HISTORY (04099G1000) AUSTIN HIGH SCHOOL ONLY

Grades: 11, 12 Credit: 1.0

This course is an elective course and does not fulfill the requirement for a social studies credit.

CONTEMPORARY WORLD ISSUES (04064G0500) DECATUR HIGH SCHOOL ONLY

Grade: Grades? Credit: 1.0

This course will involve students with current affair issues, cultures, and events in our world today. State, local, national, artistic expression, pop culture idioms, and international affairs will be highlighted on a continuing basis with a heavy emphasis on competition with various games to enhance the learning environment. Prominence will be placed on the inter-relationship of concepts from the various social sciences and how they relate to the culture of today and items mentioned above. Students will develop skills in rigorous conversations and various competitions that highlight their knowledge as well as welcome educational debates between peers.

JOURNALISM (11101G1013) DECATUR HIGH SCHOOL ONLY

Grade: 9, 10, 11, 12 Credit: 1.0

This course is for students considering a career in the publication/writing industry considered first. The first year (or semester) students would learn the structure and ethics of journalism, practice writing and research skills, and maintain the DHS Raider Press website.

PUBLIC SPEAKING (01151G1000)

Grades: 10, 11, 12 Credit: 1.0

NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION. Extemporaneous, demonstrative, persuasive, informative oral communication; videotape; speech writing and delivery.



Career Academies provide students opportunities to engage in rigorous career relevant coursework utilizing state of the art technology while preparing for high-wage, high-skill, and high-demand careers. Students have the opportunity to earn industry certifications as well as dual enrollment and articulated college credits. These programs prepare students to be both college and career ready by integrating core academic skills with employability skills and current industry specific technology. **Students registering for courses at the Career Academies of Decatur must complete the online application found here:** <https://docs.google.com/forms/d/1DYi1V3idPwgEEahmVUBjfkf2zZafXeKUhtZS9Blwj2EU/edit>

CAD Virtual Tour: <https://tourmkr.com/F1ctiiYvMS/31198593p&264.49h&94.40t>

NOTE: Elective course offerings are subject to minimum enrollment quotas. If minimum enrollment requirements are not met, the elective course may be cancelled.

Automotive Technology Academy

This Automotive Career Academy provides students with the opportunity to participate in programs that prepare students for careers in the Automotive Technology pathway. This academy aims to prepare students for the workforce, offering them a curriculum that provides hands-on experience and certification opportunities in the Automotive Technologies industry.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

***Students should register for C and D for the 2022-2023 School Year**

MAINTENANCE AND LIGHT REPAIR A (20104G1001) First Semester

Grade: 10-12 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$25 - Includes SkillsUSA

A one-credit course that provides students with foundational knowledge and skills relative to safety, engine repair, automatic transmissions and manual drive trains.

MAINTENANCE AND LIGHT REPAIR B (20104G1002) Second Semester

Grade: 10-12 **Credit:** 1.0 **Prerequisite(s):** MAINTENANCE AND LIGHT REPAIR A

Fee(s): \$10

A one-credit course that provides students with foundational knowledge and skills relative to safety, suspension and steering, and brakes.

MAINTENANCE AND LIGHT REPAIR C (20104G1003) First Semester

Grade: 10-12 **Credit:** 1.0 **Prerequisite(s):** MAINTENANCE AND LIGHT REPAIR B

Fee(s): \$25 - Includes SkillsUSA

A one-credit course that provides students with foundational knowledge and skills relative to safety, brakes, and electrical/electronic systems.

MAINTENANCE AND LIGHT REPAIR D (20104G1004) Second Semester

Grade: 10-12 **Credit:** 1.0 **Prerequisite(s):** MAINTENANCE AND LIGHT REPAIR C

Fee(s): \$10

A one-credit course that provides students with foundational knowledge and skills relative to safety, engine performance, electrical/electronic systems, and heating and air conditioning.

Students enrolled in the Automotive Technology Academy have the opportunity to earn certification in the following areas:

ASE Student Maintenance and Light Repair
ASE Automobile Service Technology
ASE Student Suspension and Steering
ASE Student Brakes
ASE Student Electrical/Electronic Systems

ASE Student Engine Performance
ASE Student Engine Repair
ASE Student Automatic Transmission/Transaxle
ASE Student Manual Drive Train and Axles
ASE Student Heating and Air Conditioning

*Students also have the opportunity to earn dual enrollment credit with Calhoun Community College

Barbering Academy

The Barbering Academy provides students with the opportunity to participate in programs that prepare students for careers in the Barbering and/or Cosmetology pathway. This academy aims to prepare students for the workforce, offering them a curriculum that provides hands-on experience and certification opportunities in Cosmetology.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

INTRODUCTION TO BARBERING (19102G1000) First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 - Includes SkillsUSA \$20

Introduction to Barbering is a one-credit course that provides students with a study of concepts related to the Barbering profession. Specific topics include Barbering history and career opportunities, professional image, infection control, and basic fundamentals and principles of hair care and design. Students also gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling. Upon successful completion of this course, students are able to practice safety and sanitary precautions as they perform basic Barbering procedures.

CTE LAB IN BARBERING I (19147G1002) Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** INTRODUCTION TO BARBERING

Fee(s): \$10

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Human Services through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through barbering courses within the career cluster and prepare for industry credentialing opportunities.

CTE LAB IN BARBERING II (19147G1003) First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** CTE LAB IN BARBERING I

Fee(s): \$35 - Includes SkillsUSA \$20

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Cosmetology through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

SENIOR CAREER PATHWAY PROJECT - BARBERING (19297G1000) Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** CTE LAB IN BARBERING II

Fee(s): \$10

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Students enrolled in the Barbering Academy have the opportunity to earn certification in the following areas:

- Barbering Licensure

**Students also have the opportunity to earn dual enrollment credit with J.F. Drake State Technical College*

Building Science Academy

The Building Science Academy is designed for the student interested in pursuing a career in the construction field, with a focus on residential construction. The program offers students a wide introduction to all areas of the construction trades. Students will learn safety procedures, blueprint comprehension, tool usage, and carpentry knowledge.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

NCCER CARPENTRY 1 (17002G1000) First Semester

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 - Includes SkillsUSA \$20

This is the first of 3 required one-credit courses in the Carpentry pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand and power tools, building materials, fasteners, adhesives, and flooring systems needed for NCCER Carpentry Level I Credentialing.

NCCER CARPENTRY 2 (17004G1000) Second Semester

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** NCCER CARPENTRY 1

Fee(s): \$10

A one-credit course designed to provide students with advanced knowledge and skills emphasizing floor wall, ceiling, and basic construction layout needed for NCCER Carpentry Level I Credentialing.

NCCER CARPENTRY 3 (17011G1000) First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** NCCER CARPENTRY 2

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course designed to provide students with advanced knowledge, skills and practice emphasizing wall, ceiling, and roof framing, windows, entrance doors, and stair layout needed for NCCER Carpentry Level I Credentialing.

NCCER BUILDING CONSTRUCTION 1: CONSTRUCTION FRAMING (17004G1001) Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** NCCER CARPENTRY 3

Fee(s): \$10

A one-credit course designed to complete all Core requirements for NCCER Core credentialing and to facilitate students' understanding of the framing components of typical structures. Emphasis is placed on safety, floor systems, wall and ceiling framing, stair construction, and roof framing.

NCCER BUILDING CONSTRUCTION 2: SITE PREPARATION (17005G1001) First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NCCER BUILDING CONSTRUCTION 1: CONSTRUCTION FRAMING

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course designed to facilitate students' understanding of the first phases of construction including types of structures and their uses. This course meets partial requirements for NCCER Construction Technology credentials.

NCCER BUILDING CONSTRUCTION 3: CONSTRUCTION FINISHING (17005G1002) Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NCCER BUILDING CONSTRUCTION 2: SITE PREPARATION

Fee(s): \$10

A one-credit course designed to provide instruction on all common exterior and interior finishing phases of a structure. This course meets partial requirements for NCCER Construction Technology credentials.

Students enrolled in the Building Science Academy have the opportunity to earn certification in the following areas:
NCCER Core (all modules), NCCER Carpentry Level 1, NCCER Carpentry Level 1

**Students also have the opportunity to earn dual enrollment credit with Calhoun Community College*

Business Academy (@ Decatur and Austin)

*This career academy provides students with the opportunity to improve skills with self-paced, interactive, and engaging online training. It will provide students with the 21st century technology skills necessary to acquire certification and be competitive in today's rapidly evolving workplace. *Students must apply and be accepted into the Academy.*

COURSE PROGRESSION: Business Information Technology

BUSINESS SOFTWARE APPLICATIONS I (10005G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$20 FBLA dues

Business Software Applications I emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies. Competencies for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are also embedded in this course. Students will have the opportunity to gain industry-recognized credentials to document basic computer skills needed for future education or employment.

BUSINESS SOFTWARE APPLICATIONS II (10005G1002)

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** BUSINESS SOFTWARE APPLICATIONS I (10005G1001)

Fee(s): \$20 FBLA dues

Business Software Applications II focuses on advanced word processing and spreadsheet and database management skills using current and emerging integrated technology. These skills include a variety of input technologies in the production of professional quality business documents and reports. Performance and production skills for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are embedded in this course. Students will also have the opportunity to gain industry-recognized credentials to document advanced computer skills needed for future education or employment plans.

BUSINESS and LEGAL CONCEPTS (12054G1001)

Credit: 1.0 **Fee(s):** \$20 FBLA dues

Business and Legal Concepts emphasizes the ethical and legal dimensions of conducting business. The course focuses on application of ethical concepts, historical events that have shaped business law in the United States, the U.S. court systems, contracts, insurance, and various areas of law that impact business operations.

ENTREPRENEURSHIP (12053G1000)

Credit: 1.0 **Fee(s):** \$20 FBLA dues

Entrepreneurship focuses on the skills needed to organize, develop, create, and manage a business in a variety of environments. Course standards are designed to foster an entrepreneurial mindset; encourage innovation, critical thinking, and problem-solving in a fast-paced professional setting; and build basic knowledge of various entrepreneurial ventures.

COURSE PROGRESSION: Finance Pathway

BUSINESS SOFTWARE APPLICATIONS I (10005G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$20 FBLA dues

Business Software Applications I emphasizes the skills required to create, edit, and publish industry-appropriate documents. Areas of instruction include the integration of word processing, desktop publishing, spreadsheets, database management, and presentation software as well as the use of emerging technologies. Competencies for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are also embedded in this course. Students will have the opportunity to gain industry-recognized credentials to document basic computer skills needed for future education or employment.

ACCOUNTING (12104G1012)

Credit: 1.0 **Fee(s):** \$20 FBLA dues

Accounting is designed to help students understand the basic principles of the accounting cycle. Whether students aspire to be future business owners or work in finance with other companies, accounting skills are fundamental to success and applicable in many different fields. This course provides a comprehensive introduction to basic financial accounting, including analyzing and recording business transactions, preparing and interpreting financial statements, demonstrating generally-accepted accounting principles, and performing banking and payroll activities. Additionally, students receive exposure to the ethical considerations that accounting professionals must face and the standards of practice governing their work.

PERSONAL FINANCE (19262G1001)

Credit: 1.0 **Fee(s):** \$20 FBLA dues

Personal Finance is a foundational course that introduces students to the principles of financial literacy for achieving personal goals. This course is designed to inform students about how the choices they make directly influence their occupational goals, future earning potential, and long-term financial well-being. Content provides opportunities for students to explore consumer behavior, legislation, consumer protection, consumer rights

and responsibilities, financial decision-making, advertising and promotional techniques, individual and family money management, banking services, use of credit, income tax, and technology.

ACCOUNTING WITH QUICKBOOKS (12999C1071)

Credit: 1.0 **Fee(s):** \$20 FBLA dues

This course will introduce students to computerized accounting systems using QuickBooks. Students will set up and perform routine tasks such as recording business transactions, maintaining customer and vendor files, vouchering, controlling inventory, processing sales, maintaining fixed asset and depreciation schedules, and preparing payroll. Additional procedures covered include setting up a chart of accounts, summarizing data, generating financial reports and banking transactions.

CAREER PATHWAY PROJECT FINANCE (12147G1003) - Redstone Federal Credit Union Branch Operations

Credit: 1.0 **Fee(s):** \$20 FBLA dues

Career Pathway Project (CPP) in Finance is a capstone course designed for students who have earned two or more credits from the same pathway in the Finance Career Cluster. This course allows students to utilize the knowledge and skills gained through their secondary coursework in a practical, real-world experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and explore it in depth while demonstrating problem-solving, decision-making, and independent learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education.

COURSE PROGRESSION: Marketing Pathway

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

Marketing Principles is designed to provide students with an overview of marketing concepts. The course addresses the ways in which marketing satisfies consumer and business needs and wants for products and services. Areas emphasized include economics, entrepreneurship, information management, finance, marketing, product and service planning, promotion, pricing, selling, interpersonal skills, and international marketing.

DIGITAL MARKETING (12162G1001)

Credit: 1.0 **Fee(s):** \$20 DECA dues

Digital Marketing introduces students to digital marketing techniques, tools, and methods, including email, websites, applications, social media, and other electronic means. This course focuses on how to develop and conduct digital marketing campaigns. Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, mobile marketing, search-engine optimization, video and images, podcasts, webcasts, and creating and repurposing content for use in digital environments.

SPORTS AND ENTERTAINMENT MARKETING (12163G1003)

Credit: 1.0 **Fee(s):** \$20 DECA dues

Sports and Entertainment Marketing is a specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. This course introduces the student to the major segments of the industry and the social and economic impact the industry has on local, state, national, and global economies. Although no prerequisite is listed, it is suggested that students complete an introductory marketing course prior to taking Sports and Entertainment Marketing.

Students enrolled in the Business Academy have the opportunity to earn certification in the following areas:

- Guest Services Professional
- Microsoft Office – Excel 2016 Expert
- Microsoft Office – Word 2016 Expert
- Microsoft Office Specialist 2016 (MOS) (Two of the following areas REQUIRED)
 - Access, Excel, Outlook, PowerPoint, SharePoint, Word

CONCERT PRODUCTION, MARKETING, & MANAGEMENT – REACH & TEACH

CONCERT PRODUCTION, MARKETING, & MANAGEMENT AT THE CAREER ACADEMIES OF DECATUR

FIRST CREDIT (12197G1002) Grades: 10, 11, 12th Grade

SECOND CREDIT (12197G1003) Grades: 11, 12th Grade

Students will meet two/three times per week to plan, promote, budget for, and produce a city-wide and state-wide concert and music festival. Students will also have the opportunity to earn a dual enrollment credit from Calhoun Community College at the Alabama Center for the Arts.

Cosmetology Academy

This career academy provides students with the opportunity to participate in programs that prepare students for careers in the Cosmetology pathway. This academy aims to prepare students for the workforce, offering them a curriculum that provides hands-on experience and certification opportunities in Cosmetology.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

INTRODUCTION TO COSMETOLOGY (19104G1000) - First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course designed to provide students with a study of concepts related to the cosmetology profession. Students gain initial practical experience in sanitation, shampooing, hair shaping, and hairstyling.

NATURAL HAIR STYLING PRACTICUM (19148G1000) - Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** INTRODUCTION TO COSMETOLOGY

Fee(s): \$10

Natural Hair Styling Practicum is a one-credit course designed to provide instruction on natural hair care services and techniques for styling and grooming natural hair. Core domain service areas include work area and client preparation, set-up of supplies, safe work practices, procedures related to services and design, and blood exposure procedure.

HAIR COLORING (19103G1001) - First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NATURAL HAIR STYLING PRACTICUM

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course designed to provide students with the study and experience in hair coloring and lightening. Emphasis is placed on color application, laws, and levels and classifications of color. The prerequisite for this course is Introduction to Cosmetology.

INTRODUCTION TO SPA TECHNIQUES (19107G1001) - Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** HAIR COLORING

Fee(s): \$10

A one-credit course that focuses on the structure and function of various systems of the body. This course also provides hands-on experiences in facial massage techniques, skin care, and hair removal.

Students enrolled in the Cosmetology Academy have the opportunity to earn certification in the following areas:

- Cosmetology Licensure
- Natural Hair Styling Licensure
- Nail Care Licensure
- Esthetics Licensure

**Students also have the opportunity to earn dual enrollment credit with J.F. Drake State Technical College*

Culinary Arts Academy

The Culinary Arts Academy will prepare students for a variety of careers in culinary arts and the hospitality industry. The required school-based laboratory for the Culinary Arts pathway is a food service kitchen with a food serving and dining area. Formal presentations and portfolios are developed to showcase students' work. Connecting Experiences are a requirement of the major. Family, Career and Community Leaders of America (FCCLA), an integral part of the curriculum, enhances leadership development skills and provides opportunities for community service.

*Students must apply and be accepted into the Academy.

HOSPITALITY AND TOURISM (16001G1000) - First Semester – CTE FOUNDATION COURSE

Grade: 9, 10 **Credit:** 1.0 **Prerequisite(s):** Pass FACS (19251G1000) with a C or higher and FACS teacher recommendation
Fee(s): \$30 - includes FCCLA fees \$15

A one-credit course that serves as the prerequisite for all pathways included in the Hospitality and Tourism cluster. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurant and food and beverage services, safety and sanitation, customer relations, and quality services. The required school-based laboratory for the Hospitality and Tourism cluster is a commercial food service kitchen with a food-serving and dining area. School-based laboratory experiences are essential for students to develop skills in the hospitality and tourism industry.

CULINARY ARTS I (16053G1012) - Second Semester

Grade: 9, 10 **Credit:** 1.0 **Prerequisite(s):** HOSPITALITY AND TOURISM **Fee(s):** \$15

Culinary Arts I will introduce students to basic food production, management, and service activities in both the back- and front-of-the-house. Emphasis is placed on sanitation, safety, and basic food preparation. Skills in mathematics, science, and communication are reinforced in this course.

CULINARY ARTS II (16053G1022) - First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** CULINARY ARTS I **Fee(s):** \$30 - includes FCCLA fees \$15

Culinary Arts II provides advanced experiences in food production, management, and service. Topics include food service operations, advanced food production, and professionalism. Skills in mathematics, communication, creative thinking, and entrepreneurship are reinforced in this course.

BAKING AND PASTRY ARTS (16056G1000) - Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** CULINARY ARTS II **Fee(s):** \$15

This course follows Culinary II and is designed to provide students with the principles of baking and pastry techniques. The course includes baking technologies, equipment, preparation procedures, production methods, pastry methods, science of bread baking, confections, and desserts, showpieces, cost control, food safety, and presentation techniques to create fundamental baking to the latest baking and pastry trends.

EVENT PLANNING (16057G1000) - First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** BAKING AND PASTRY ARTS

Fee(s): \$30 class fee, includes FCCLA fees \$15

Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught include: planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of event.

CTE LAB IN HOSPITALITY & TOURISM (16097G1000) - Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** EVENT PLANNING **Fee(s):** \$15

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Hospitality & Tourism through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

Students enrolled in the Culinary Academy have the opportunity to earn certification in the following areas:

ServSafe – Manager & Guest Services Professional

Cyber Security Academy

The Cyber Security Academy, introduces students to the broad field of Cyber Security. Students learn multiple numbering systems, become familiar with Microsoft Windows, and LINUX operating systems. They learn networking, vulnerability assessment, and cyber forensics. Students participate in the national CyberPatriot competition. Opportunities also exist for student internships and industry recognized certifications. Cyber Security is designed to be a college preparatory high school program and thus, should provide a rigorous, but accessible, introduction to cyber security.

**Students must apply and be accepted into the Academy.*

Classes will be held at time TBA after the regular school day.

FOUNDATIONS OF INFORMATION SECURITY (INFOSEC I) (10020G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0

Fee(s): \$35 - SkillsUSA and CyberPatriot

This course introduces students to the field of Cyber Security. Students will become familiar with Microsoft Windows and Linux Operating Systems. They will learn to use multiple numbering systems and how these systems are used in network addressing and operating system configuration. Students will also gain experience in the areas of vulnerability identification, risk assessment, risk mitigation techniques, Wi-Fi security, IP Addressing, and Informational Ethics. This course is weighted 10 points on a 100-point scale.

PRINCIPLES OF INFORMATION SECURITY (INFOSEC II) (10020G1002)

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** Foundations of Information Security (INFOSEC I)

Fee(s): \$35 - SkillsUSA and CyberPatriot

This course introduces students to computer network systems that are most commonly the focus of attack. Students will build and configure the common elements found on the Internet to include database servers, web servers, and web application servers. Students will be introduced to remote access terminal shells, which will be vital toward penetration testing and attack vectors. This course is weighted 10 points on a 100-point scale.

CYBER FORENSICS (INFOSEC III) (10020G1003)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** Principles of Information Security (INFOSEC II)

Fee(s): \$35 - SkillsUSA and CyberPatriot

This class covers the methodologies behind cyber-attacks and the various types of attack techniques. Students will participate in hands on lab exercises using the latest attack tools and learn to evaluate the potential vulnerabilities of network targets. Students will be required to participate on a competitive cyber team. This course is weighted 10 points on a 100-point scale.

ADVANCED CYBER SECURITY/FORENSICS (INFOSEC IV) (10020G1004)

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** Cyber Forensics INFOSEC III

Fee(s): \$35 - SkillsUSA and CyberPatriot

This second-year course provides the student with experiences in how to look for the weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a hacker. This course may lead to the Certified Ethical Hacker certification from the IC-Council. This course is weighted 10 points on a 100-point scale.

Students enrolled in the Cyber Security Academy have the opportunity to earn certification in the following areas:

- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- CompTIA IT Fundamentals
- CompTIA Linux+ Powered by LPI
- Certified Ethical Hacker

Educator Training Academy

This program provides students with knowledge and skills needed for teaching and professional training consultant careers. Courses provide an overview of teaching and learning theories; curriculum development; teaching techniques; instructional resources and the use of technology; types of assessments; classroom management strategies; and ethics and professionalism. This new academy will be located on the campus of the Career Academies of Decatur.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

EDUCATION AND TRAINING (19151G1000) – First Semester

Grade: 10, 11 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$30 - includes FCCLA fees \$15

A one-credit foundation course designed for students who are interested in pursuing a career in education. The required school-based laboratory is a well-equipped classroom. This course is a prerequisite for Teaching I.

TEACHING I (19152G1012) – Second Semester

Grade: 10, 11 **Credit:** 1.0 **Prerequisite(s):** Education and Training

A one-credit course that aids students in implementing the teaching and learning processes. The prerequisite for this course is Education and Training. The required school-based laboratory is a well-equipped classroom.

TEACHING II (19152G1022) – First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** Teaching I

Fee(s): \$30 - includes FCCLA fees \$15

A one-credit course that provides students with advanced knowledge and skills used in the education field. The prerequisites for this course are Education and Training and Teaching I. The required school-based laboratory is a well-equipped classroom.

EDUCATION TRAINING AND INTERNSHIP (19198G1000) – Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** Teaching II and Teacher Approval

A one-credit course designed for students interested in pursuing an internship experience in an educational field. Students who have completed Teaching II are eligible to enroll in the Education and Training Internship. A school-based laboratory (actual classroom providing grade level subject-matter instruction) is required for the internship. Student must be able to provide their own transportation.

Students enrolled in the Educator Training Academy have the opportunity to earn certification in the following areas:

- Athens State University Education and Training Certification
- Praxis II: Principles of Learning and Teaching: Grades K-6
- Praxis II: Principles of Learning and Teaching: Grades 5-9
- Praxis II: Principles of Learning and Teaching: Grades 7-12
- ETS Praxis Core Academic Skills (Must pass Reading, Writing, and Mathematics)
- ASK Institute – Concepts of Entrepreneurship and Management

Engineering Design and Advanced Manufacturing Academy

Engineering Design & Advanced Manufacturing is designed for students interested in engineering and related advanced manufacturing fields. Students will gain valuable knowledge and develop marketable skills that will greatly benefit them in a future engineering or manufacturing profession. Students are taught how to design, build, and test the designs in real-world situations. These courses require higher-level thinking skills to solve open-ended design and manufacturing problems. Emphasis is placed on mechanical and 3D design.

**Students must apply and be accepted into the Academy.*

INTRODUCTION TO DRAFTING DESIGN (21106G1013) – CTE FOUNDATION COURSE

Grade: 9, 10 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 - Includes SkillsUSA \$20 (Covers the full year)

A one-credit course designed to provide students with instruction and experiences in computer-aided drafting (CAD) functions and techniques using CAD software applications.

FOUNDATIONS OF ENGINEERING DESIGN (21105G1001)

Grade: 9, 10 **Credit:** 1.0 **Prerequisite(s):** INTRODUCTION TO DRAFTING DESIGN

This course builds on the skills introduced through the Greenpower F24 Middle Grades Program. Students use software to design, build, and race an electric car. Students work to create an F24 racecar utilizing advanced manufacturing technologies and compete at GreenpowerUSA events.

INTERMEDIATE ENGINEERING DESIGN (21105G1002)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** FOUNDATIONS OF ENGINEERING DESIGN

Fee(s): \$35 - Includes SkillsUSA \$20 (Covers the full year)

This course builds on the skills introduced through the Foundations of Engineering Design. Students also work to create a more advanced F24 race car utilizing additive manufacturing technologies and compete at GreenpowerUSA events.

ENGINEERING DESIGN AND ADVANCED MANUFACTURING (21006G1001)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** INTERMEDIATE ENGINEERING DESIGN

Students will engage in the hands-on engineering design and manufacturing processes associated with Additive Manufacturing: fused deposition, laser sintering and composite layup. Students will continue advanced CAD drafting by designing and then creating parts both for understanding and to meet a customer or design challenge chosen and apply for CAD certification. The customer interface, which can be with an industry partner, will provide the student with skills in designing to meet requirements – essential in the career field. Students work to create a more advanced F24 racecar utilizing advanced manufacturing technologies and compete at GreenpowerUSA events.

ADVANCED ENGINEERING DESIGN AND MANUFACTURING (21006G1002)

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** ENGINEERING DESIGN AND ADVANCED MANUFACTURING

Fee(s): \$35 - Includes SkillsUSA \$20 (Covers the full year)

*Students will engage in a personally tailored engineering design and manufacturing project associated with Additive Manufacturing as a capstone event. Students will be exposed to state-of-the-art engineering design concepts such as 3D scanning and advanced CAD software tools. Students will add to their knowledge base with information detailing the manufacturing process and go in depth into composites by creating molds, working with resins and polymers, and investigating the effects of temperature and pressure. Students work to create a customized F24 racecar utilizing advanced manufacturing technologies and compete at GreenpowerUSA events. **THIS COURSE INCLUDES THE LOCKHEED MARTIN PRE-APPRENTICESHIP PROGRAM.***

CTE LAB – ENGINEERING DESIGN AND ADVANCED MANUFACTURING (17017G1000)

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** ADVANCED ENGINEERING DESIGN AND MANUFACTURING

*This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Engineering Design and Advanced Manufacturing through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities. **THIS COURSE INCLUDES THE LOCKHEED MARTIN PRE-APPRENTICESHIP PROGRAM.***

Students enrolled in the Engineering Design & Advanced Manufacturing Academy have the opportunity to earn certification in the following areas:

- SolidEdge Certified Associate

Fashion

This program is for students who are interested in pursuing careers in the fashion and retail industry. Courses provide students with knowledge of fashion, fashion design, apparel and textile design technology, and fashion business operations, media, and merchandising.

**Students must apply and be accepted into the Academy.*

FAMILY AND CONSUMER SCIENCES (19251G1000) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0

Prerequisite(s): None

\$30 class fee, includes FCCLA fee

A one-credit course that provides students with core knowledge and skills in the areas of marriage and family, parenting and care giving, consumer sciences, apparel, housing, food and nutrition, and technology. A school-based laboratory is required for this course.

FASHION (05190G1001)

Grade: 10 **Credit:** 1.0

Prerequisite(s): Family and Consumer Sciences

\$30 class fee, includes FCCLA fee

A one-credit course designed to introduce students to the selection and care of clothing and accessories for individuals and families throughout the life span. A school-based laboratory is required for this course.

FASHION DESIGN (05190G1002)

Grade: 11 **Credit:** 1.0

Prerequisite(s): Fashion

\$30 class fee, includes FCCLA fee

A one-credit course designed for students interested in pursuing a career in fashion design. It provides students with knowledge and skills for application of artistic expression related to textiles, apparel, and fashion design. A fashion design studio is the required school-based laboratory for this course.

Students enrolled in the Fashion Academy have the opportunity to earn certification in the following areas:

- ASK Institute – Concepts of Entrepreneurship and Management
- ServSafe- Manager

Fire & Emergency Services Academy

This career academy provides specialized classroom and laboratory experiences for students who are entering the field of Fire and Emergency Services.

**Students must apply and be accepted into the Academy. There will be limited seats available in the Fire & Emergency Services Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

FIRE FIGHTING I (15152G1001) – First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** None

A one-credit course designed to introduce students to the basic principles and procedures of firefighting. Emphasis is placed on safety, fire behavior, communication equipment, fire extinguishers, structural design, personal protective equipment, ropes and knots, search and rescue, ground ladders, ventilation, fundamentals of a water supply system, fire hose, and water streams.

FIRE FIGHTING II (15152G1000) – Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** FIRE FIGHTING I

A one-credit course designed to provide students with instruction in techniques of firefighting. Emphasis is placed on safety, fire prevention and control, hazardous materials, sprinkler systems, first responder, and public relations. The prerequisite for this course is Introduction to Fire Science.

FIRE SCIENCE I (15151G1001) – First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** FIRE FIGHTING II

A one-credit course designed for students who have completed a minimum of two Fire Fighting courses; engage in in-depth exploration of the Fire Fighting and Fire Science; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

FIRE SCIENCE II (15151G1000) – Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** FIRE SCIENCE I

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Fire & Emergency Services through individualized or small group instruction. This course allows students to enhance the essential and intermediate skills learned through program courses within the career cluster and prepare for industry credentialing opportunities.

Food, Wellness, and Dietetics (@ Decatur & Austin Campuses)

This program is for students who are interested in pursuing careers in nutrition, wellness, and health and disease prevention. Courses provide students with knowledge in event planning, photographic styling applications, social media and design techniques, developing and adapting food products for marketing and specific nutrition needs, meal planning, food safety, and the scientific investigation of production, processing, preparation, evaluation, and utilization of food.

**Students must apply and be accepted into the Academy.*

FAMILY AND CONSUMER SCIENCES (19251G1000) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$30 class fee, includes FCCLA fee

A one-credit course that provides students with core knowledge and skills in the areas of marriage and family, parenting and care giving, consumer sciences, apparel, housing, food and nutrition, and technology. A school-based laboratory is required for this course.

COOKING AND NUTRITION (19252G1000)

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** Family and Consumer Sciences

Fee(s): \$30 class fee, includes FCCLA fee

A one-credit course designed to enable students to explore the relationship between food, nutrition, fitness, and wellness. Students learn how to select and prepare nutritious foods. A school-based laboratory is required for this course.

FOOD SCIENCE (19254G1001)

Grade: 11-12 **Credit:** 1.0 **Prerequisite(s):** Family and Consumer Sciences

Fee(s): \$30 class fee, includes FCCLA fee

*Food Science is a one-credit course that can be used as a **science credit or career tech credit**. It is a specialized area of study that provides an in-depth study of the application of science principles to scientific investigation of the production, processing, preparation, evaluation, and utilization of food. Students apply the scientific method to study scientific concepts and theories in the context of nutrition and foods. While achieving academic standards and competencies in the area of chemistry, biochemistry, biology, and physics at the analysis, synthesis, and evaluation levels. Students develop critical-reasoning and mathematics and writing skills through a variety of higher level learning strategies and laboratory experiments that require measuring, recording, graphing, and analyzing data; predicting and evaluating laboratory results; and writing laboratory reports. The course highlights nutrition concepts and explores the various relationships between food science and nutrition.*

FOOD INNOVATIONS AND MEDIA (19999G1000)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** COOKING AND NUTRITION

Fee(s): \$30 class fee, includes FCCLA fee

Course content provides opportunities for students to explore global food systems; examine trends in food processing and food innovations; research influences on purchasing behavior of consumers; develop and analyze recipes for new food products through experimental food labs; apply social media and digital design techniques, photographic styling applications, and journalism skills; and explore career options in this specific food industry.

SPORTS NUTRITION (19253G1001)

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** FOOD INNOVATIONS AND MEDIA

Fee(s): \$30 class fee, includes FCCLA fee

This course examines the relationship between nutrition, physical performance, and overall wellness. Students will learn how to choose nutritious foods for healthy lifestyles and peak performance. Health and disease prevention through nutrition, physical activity, and wellness practices are essential components of the course. This course emphasizes the metabolic process and management of food choices for optimal health and physical performance. Students are challenged to develop personal fitness and nutrition plans.

Students enrolled in the Food, wellness, and Dietetics Academy have the opportunity to earn certification in the following areas:

- Guest Service Professional
- ServSafe- Manager

Heavy Equipment Operations Academy

This academy provides students with the opportunity to obtain hands-on training by using simulators in the following areas: grading, landscaping, excavation, tractor operation, bulldozer operation, backhoe operation, crane operation, and forklift operation. Students will also learn the fundamentals of entrepreneurship and small business management.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

NCCER CARPENTRY 1 (17002G1000) - First Semester

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 - Includes SkillsUSA \$20

This is the first of 3 required one-credit courses in the Carpentry pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand and power tools, building materials, fasteners, adhesives, and flooring systems needed for NCCER Carpentry Level I Credentialing.

NCCER CARPENTRY 2 (17004G1000) - Second Semester

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** NCCER CARPENTRY 1

Fee(s): \$10

A one-credit course designed to provide students with advanced knowledge and skills emphasizing floor wall, ceiling, and basic construction layout needed for NCCER Carpentry Level I Credentialing.

NCCER HEAVY EQUIPMENT OPERATIONS 1 (20052G1013) - First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** NCCER CARPENTRY 2

Fee(s): \$35 - Includes SkillsUSA \$20

This is the first of three required one-credit courses in the Heavy Equipment Operations pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing safety, tools, measuring, blueprint reading and layout, and basic heavy equipment operation techniques leading to NCCER Heavy Equipment Operations Level 1 credentialing.

NCCER HEAVY EQUIPMENT OPERATIONS 2 (20052G1023) - Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** NCCER Heavy Equipment Operations 1

Fee(s): \$10

This is the second of three required one-credit courses in the Heavy Equipment Operations pathway. It is designed to provide students with practice and skills development emphasizing safety, applications and intermediate equipment operations techniques leading to NCCER Heavy Equipment Operations Level 1 credentialing.

NCCER HEAVY EQUIPMENT OPERATIONS 3 (20104G1033) - First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NCCER Heavy Equipment Operations 1 & 2

Fee(s): \$35 - Includes SkillsUSA \$20

This is the third of three required one-credit courses in the Heavy Equipment Operations pathway. It is designed to provide students with practice and skills development emphasizing safety, site layout, reading civil drawings, understanding soils leading to NCCER Heavy Equipment Operations Level 1 credentialing.

SENIOR CAREER PATHWAY PROJECT – ARCHITECTURE AND CONSTRUCTION (20997G1002) - Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NCCER Heavy Equipment Operations 3

Fee(s): \$10

A one-credit course designed for students who have completed a minimum of two career and technical education courses to select an area of interest; engage in in-depth exploration of the area; employ problem-solving, decision-making, and independent learning skills; and present a culminating pathway project before a selected audience.

Medical Career Academy

The rigorous Medical Career Academy allows students to investigate the role of health science and medical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease; all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future.

**Students must apply and be accepted into the Academy.*

INTRO TO MEDICAL CAREER PATHWAYS (14002G1001) – At AJHS, AHS or DHS – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 class fee, includes \$20 HOSA dues

Foundations of Health Science can be substituted for the required health credit for graduation.

A one-credit foundational course that introduces students to integrated academics, employability and career development skills, legal and ethical issues, communications, safety, and life skills. This course is a prerequisite to all courses in the Health Science cluster.

MEDICAL TERMINOLOGY (14154G1000) - At AHS or DHS

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** INTRO TO MEDICAL CAREER PATHWAYS

Fee(s): \$35 class fee, includes \$20 HOSA dues

A one-credit course designed for students to develop health care-specific knowledge for a career in the medical field. The course uses an integrated approach for teaching the language by incorporating medical terminology with anatomy and physiology and the disease process.

THERAPEUTIC SERVICES (14099G1000)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** MEDICAL TERMINOLOGY

Fee(s): \$35 class fee, includes \$20 HOSA dues

A one-credit course that introduces students to occupations and functions in the therapeutic services pathways. Careers in this area include nursing, medicine, physical therapy, surgical technology, respiratory therapy, emergency medical technician, and more.

HUMAN BODY STRUCTURES (14299G1001)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** THERAPEUTIC SERVICES

Fee(s): \$35 class fee, includes \$20 HOSA dues (\$15 Fee if 2nd Medical Career Academy Class)

A one-credit course designed to help students learn care content that emphasizes the structure and functions of cells, tissues, organs, organization of the human body systems, and medical terminology. Scientific processes, problem-based learning and critical thinking are integral parts of the course.

MEDICAL INTERNSHIP II (14298G2000)

Grade: 12 **Credit:** 2.0 **Prerequisite(s):** INSTRUCTOR APPROVAL

Fee(s): \$30 class fee, \$15 malpractice insurance, \$20 HOSA dues, school scrub uniform, white shoes, and a watch with a second hand

A two-credit course focusing on basic knowledge and skills necessary for beginning health care workers. Health Science Internship reinforces and applies knowledge learned in classroom and laboratory settings.

Students enrolled in the Medical Career Academy have the opportunity to earn certification in the following areas:

- Certified Patient Care Technician (CPCT)
- Certified EKG Technician (CET)
- Certified Pharmacy Technician (CPhT)

Precision Machining Academy

The Precision Machining Academy provides specialized classroom and laboratory experiences for students who are entering the field of manufacturing and engineering technology. Instruction is provided in the areas of blueprint reading, safety, bench work, lathe work, millwork, grinding, drill press, and Computer Numerical Control (CNC) programming. Particular emphasis is given to the use of precision measuring tools and gauges. Course content reflects the National Skills Standards of the National Institute for Metalworking Skills. Hands-on work experiences and SkillsUSA leadership activities enhance classroom instruction.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

INTRODUCTION TO MILLING (13204G1003) – First Semester

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course that provides an introduction to manufacturing processes including milling techniques, drill press techniques, and grinding techniques. SkillsUSA is an integral, co-curricular component of each Precision Machining course. NIMS (National Institute for Metal Working Skills) credentials can be earned while enrolled in this course.

INTRODUCTION TO LATHE (13204G1002) – Second Semester

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** INTRODUCTION TO MILLING

Fee(s): \$10

A one-credit course that provides an introduction to the manufacturing process that uses basic lathe operations. Job shadowing and internship may be included as work-based learning strategies for this course. The prerequisite for this course is Introduction to Precision Machining. SkillsUSA is an integral, co-curricular component of each Precision Machining course. NIMS (National Institute for Metal Working Skills) credentials can be earned while enrolled in this course.

INTERMEDIATE MILL AND SURFACE GRINDER (13204G1005) – First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** INTRODUCTION TO LATHE (540047)

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course that provides an introduction to manufacturing processes including instruction in advanced milling and grinding operations. The prerequisite for this course is Introduction to Milling, Drill Press, and Surface Grinder. SkillsUSA is an integral, co-curricular component of each Precision Machining course. NIMS (National Institute for Metal Working Skills) credentials can be earned while enrolled in this course.

INTERMEDIATE LATHE AND BENCHWORK (13204G1004) – Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** INTERMEDIATE MILL AND SURFACE GRINDER

Fee(s): \$10

A one-credit course that provides an introduction to machining technologies and job opportunities for students who are pursuing careers in manufacturing. The prerequisite for this course is Introduction to Lathe. SkillsUSA is an integral, co-curricular component of each Precision Machining course. NIMS (National Institute for Metal Working Skills) credentials can be earned while enrolled in this course.

INTRODUCTION TO COMPUTER NUMERICAL CONTROL (13203G1002) – First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** INTERMEDIATE LATHE AND BENCHWORK

Fee(s): \$35 - Includes SkillsUSA \$20

A one-credit course that introduces students to manufacturing processes and job opportunities in manufacturing with emphasis on National Skills Standards of the National Tool and Dies Association, Machining Association, and NIMS. The prerequisite for this course is Introduction to Precision Machining. This entry-level course may be taken as one of the optional technical courses with credit applied to the Industrial Systems and Maintenance program. SkillsUSA is an integral, co-curricular component of each Precision Machining course. NIMS (National Institute for Metal Working Skills) credentials can be earned while enrolled in this course.

INTERMEDIATE COMPUTER NUMERICAL CONTROL (13203G1003) – Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** INTRODUCTION TO COMPUTER NUMERICAL CONTROL

Fee(s): \$10

A one-credit course that provides practical applications to manufacturing processes including advanced CNC programming, set-up, and proper operations. The prerequisite for this course is; Introduction to Computer Numerical Control. SkillsUSA is an integral, co-curricular component of each Precision Machining course. NIMS (National Institute for Metal Working Skills) credentials can be earned while enrolled in this course.

Students enrolled in the Precision Machining Academy have the opportunity to earn certification in the following areas:

- NIMS Level 1 Measurement, Materials & Safety
- NIMS Level 1 Job Planning, Benchwork & Layout
- NIMS Level 1 Manual Milling Skills I
- NIMS Level 1 Turning Operations: Turning Between Centers
- NIMS Level 1 Turning Operations: Turning Chucking Skills
- NIMS Level 1 Grinding Skills I
- NIMS Level 1 Drill Press Skills I
- NIMS Level 1 CNC Turning: Programming Setup & Operations
- NIMS Level 1 CNC Milling: Programming Setup & Operations
- NIMS Level 1 CNC Turning: Operations
- NIMS Level 1 CNC Milling: Operations

Sports Medicine Academy

The Sports Medicine Academy is designed for students interested in fields such as athletic training, physical therapy, medicine, fitness, exercise physiology, kinesiology, nutrition and other sports medicine related fields.

**Students must apply and be accepted into the Academy.*

INTRO TO MEDICAL CAREER PATHWAYS (14002G1001) - At AJHS, AHS or DHS – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Prerequisite(s):** None

Fee(s): \$35 class fee, includes HOSA dues

Foundations of Health Science can be substituted for the required health credit for graduation.

A one-credit foundational course that introduces students to integrated academics, employability and career development skills, legal and ethical issues, communications, safety, and life skills. This course is a prerequisite to all courses in the Health Science cluster.

SPORTS MEDICINE I (14062G1001)

Grade: 10 **Credit:** 1.0 **Prerequisite(s):** INTRO TO MEDICAL CAREER PATHWAYS

Fee(s): \$35 class fee, includes \$20 HOSA dues

Sports Medicine Intermediate is a one-credit course that teaches fundamental skills to include therapeutic exercise regimens within the field of sports medicine. Students will explore the study of sports medicine and the relationship to risk management and injury prevention. Students will demonstrate an understanding of anatomy and physiology, with emphasis on the musculoskeletal system. The importance of health promotion, wellness, injury and disease prevention will be emphasized. Students will examine sports medicine facilities, policies, procedures, and protocols utilized in patient care.

SPORTS MEDICINE II (14062G1002)

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** SPORTS MEDICINE I

Fee(s): \$35 class fee, includes \$20 HOSA dues

Sports Medicine Advanced is a one-credit course with strong emphasis on musculoskeletal injuries as well as the psychological and sociological responses to injuries and illnesses. Students will demonstrate critical thinking skills, patient care skills related to prevention, rehabilitation, and management, and communicate appropriate outcomes through oral and written communication. Course content will include an understanding of basic pathophysiology, kinesiology, and principles of treatment. An analysis of a variety of health situations involved in the sports medicine pathway will be conducted through project based learning, laboratory, simulation, and clinical experiences.

SPORTS MED INTERNSHIP (14298G2000)

Grade: 12 **Credit:** 2.0 **Prerequisite(s):** SPORTS MEDICINE II and Instructor Approval

Fee(s): \$30 class fee, \$15 malpractice insurance, \$20 HOSA dues, school scrub uniform, white shoes, and a watch with a second hand

A two-credit course focusing on basic knowledge and skills necessary for beginning health care workers. Health Science Internship reinforces and applies knowledge learned in classroom and laboratory settings

Students enrolled in the Medical Career Academy have the opportunity to earn certification in the following areas:

- Certified Patient Care Technician (CPCT)
- Certified EKG Technician (CET)

Welding Academy

The Welding Academy provides students with a fundamental understanding of blueprint reading, weld symbols and weld joints, rules for safety, and identification of shop equipment. Students acquire knowledge for safe operation of oxy-fuel cutting and shielded metal arc welding processes. Upon completion of this course, students are able to interpret lines, views, and dimensions of weld joint configurations and weld symbols; identify oxy-fuel cutting equipment and components; determine proper setup of equipment for application; identify safety hazards and welding equipment related to shielded metal arc welding; and make quality welds with E-6010 and E-7018 electrodes in the flat, horizontal, vertical, and overhead positions.

**Students must apply and be accepted into the Academy.*

MARKETING PRINCIPLES (12164G1001) – CTE FOUNDATION COURSE

Grade: 9 **Credit:** 1.0 **Fee(s):** \$20 DECA dues

A one-credit course designed to provide students with an overview of in-depth marketing concepts. Students develop a foundational knowledge of marketing and its functions, including marketing information management, pricing, product and service management, entrepreneurship, and promotion and selling.

NCCER WELDING 1 (13207G1014) – First Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** MARKETING PRINCIPLES

Fee(s): \$35 - Includes SkillsUSA \$20

This is the first of four required one-credit courses in the Welding Technologies Pathway. It is designed to complete all core requirements for NCCER Core credentialing and to provide students with fundamental knowledge and skills emphasizing use of hand tools, power tools, welding theory and practice for use in the manufacturing and construction industry. This entry-level course is required for NCCER Welding Level I credentialing and may be taken as one of the optional technical courses with credit applied to the Industrial Maintenance Technology area. Personal protective clothing is required for this course.

NCCER WELDING 2 (13207G1024) – Second Semester

Grade: 11 **Credit:** 1.0 **Prerequisite(s):** NCCER Welding 1

Fee(s): \$10

This is the second of four required one-credit courses in the welding Technologies pathway. Topics include: basic shielded metal arc welding, blueprint reading, weld symbols and joint identification and print reading. Emphasis is placed on fundamental knowledge guided practice and NCCER Welding Level I requirements. Personal protective clothing is required for this course.

NCCER WELDING 3 (13207G1034) – First Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NCCER Welding 2

Fee(s): \$35 - Includes SkillsUSA \$20

This is the third of four required one-credit courses in the Welding Technologies pathway. It is designed to provide students with theory, practice, and skills development. Emphasis is placed on the application and operation of shielded metal arc welding (SMAW) equipment in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing. Personal protective clothing is required for this course.

NCCER WELDING 4 (13207G1044) – Second Semester

Grade: 12 **Credit:** 1.0 **Prerequisite(s):** NCCER Welding 3

Fee(s): \$10

This is the fourth of four required one-credit courses in the Welding Technologies pathway. It is designed to provide students with additional practice, and skills development. Emphasis is placed on the application and operation of shielded metal arc welding (SMAW) equipment and mastery in the vertical, 3-F and overhead, 4-F positions leading to NCCER Welding Level I Credentialing and AWS Plate certification. Personal protective clothing is required for this course.

Work-Based Learning

Work-Based Learning is a structured component of the Career and Technical Education (CTE) curriculum that integrates classroom instruction with productive, progressive, supervised, work-based experiences/apprenticeships (paid) and internships (unpaid) that may be related to the student's career objectives. Content is planned for students through a cooperative arrangement between the school and employer as a component of work-based learning.

Work-Based Experiences/Apprenticeships are paid work experiences and Work-Based Experiences/Internships are unpaid work experience for eligible 11th and 12th grade students. Student work hours and wages earned are monitored and documented by the student, employer, and the coordinator. Students may earn one or more credits; 140 hours is required for each credit earned.

Students must apply to participate in Work-Based Learning. The requirements for participating are listed below.

Requirements:

- Eligible 11th and 12th grade students.
- Earned College and Career Ready Status.
- **Work-Based Learning will not be placed on a student's schedule until the application process is complete and the student is approved by the Work-Based Learning Coordinator.**
- Student is at least 16 years of age.
- It is recommended, but not required, that a student obtain concentrator status, (*two courses within a CTE program*) prior to enrollment in cooperative education. Students who have not obtained concentrator status must have successfully completed a minimum of one CTE credit or a career preparedness course.
- Student must have a *clearly defined career objective*.
- Student has an acceptable attendance, grade, and discipline record as validated by the Coordinator (*Minimum 2.0 GPA*).
- Possesses the knowledge, skills, behavioral qualities, and abilities required for successful employment.
- Have three educator recommendations that may include the teacher of the career cluster course, if applicable.

COOPERATIVE EDUCATION WORK-BASED EXPERIENCE – FIRST CREDIT (22998G1014)

Grade: 11-12 **Credit:** 1.0

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

COOPERATIVE EDUCATION WORK-BASED EXPERIENCE – SECOND CREDIT (22998G1024)

Grade: 11-12 **Credit:** 1.0

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

COOPERATIVE EDUCATION WORK-BASED EXPERIENCE – THIRD CREDIT (22998G1034)

Grade: 11-12 **Credit:** 1.0

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

COOPERATIVE EDUCATION WORK-BASED EXPERIENCE – FOURTH CREDIT (22998G1044)

Grade: 11-12 **Credit:** 1.0

A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator.

TECHNICAL DUAL ENROLLMENT

Technical Dual Enrollment options are available through Calhoun Community College and J.F. Drake State Technical College. Both universities offer a wide range of courses. All Dual Enrollment courses come with a tuition requirement. Please see the Career Tech Guidance Counselor for more information if you are interested in pursuing these options.

Dual Enrollment Opportunities are offered in the following Career Academies:

- Automotive Technology
- Barbering
- Building Construction
- Cosmetology
- Engineering Design & Advanced Manufacturing
- Precision Machining
- Welding

EPIC – PROCESS TECHNOLOGY DUAL ENROLLMENT

This dual enrollment academy will be offered beginning fall semester 2023. Students will be able to earn dual enrollment credit through Calhoun Community College’s EPIC – Process Technology Program. The course will be taught by a Calhoun instructor at the Career Academies of Decatur on the “B” Schedule.

COURSE PATHWAYS

RECOMMENDED ACADEMY PATHWAYS

*We recommend that students research postsecondary program admission requirements to determine which high school courses will provide the best preparation.

**Credit-eligible options may include: Advanced Placement, post-secondary courses, or SDE-approved courses.

^ΩCourse will be taken face-to-face at the Career Academies of Decatur.

Automotive Technology Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Maintenance & Light Repair	Maintenance & Light Repair
Marketing Principles	Entrepreneurship or Internet Marketing	Maintenance & Light Repair	Maintenance & Light Repair
Additional Elective	Maintenance & Light Repair	Work-Based Learning	Work-Based Learning
Additional Elective	Maintenance & Light Repair	Work-Based Learning	Work-Based Learning

Barbering Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Introduction to Barbering ^Ω	CTE Lab in Barbering II ^Ω
Marketing Principles	Entrepreneurship or Internet Marketing	CTE Lab in Barbering I ^Ω	Senior Career Pathway Project - Barbering ^Ω
Additional Elective	Business Technology Applications	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning

Building Science Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	NCCER Carpentry 3 ^Ω	NCCER Building Construction 2: Site Preparation ^Ω
Marketing Principles	NCCER Carpentry 1 ^Ω	NCCER Building Construction 1: Construction Framing ^Ω	NCCER Building Construction 3: Construction Finishing ^Ω
Additional Elective	NCCER Carpentry 2 ^Ω	Work-Based Learning	Work-Based Learning
Additional Elective	Entrepreneurship or Internet Marketing	Work-Based Learning	Work-Based Learning

Cosmetology Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Introduction to Cosmetology ^Ω	Hair Coloring ^Ω
Marketing Principles	Entrepreneurship or Internet Marketing	Hairstyling Practicum ^Ω	Introduction to Spa Techniques ^Ω
Additional Elective	Business Technology Applications	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning

Culinary Arts Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Culinary Arts II ^Ω	Event Planning ^Ω
Hospitality & Tourism	Hospitality & Tourism ^Ω	Baking & Pastry Arts ^Ω	CTE Lab in Hospitality & Tourism ^Ω
Culinary I	Culinary I ^Ω	Work-Based Learning	Work-Based Learning
Marketing Principles	Entrepreneurship or Internet Marketing	Work-Based Learning	Work-Based Learning

Cyber Security Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Cyber Forensics ^Ω	Advanced Cyber Security/Forensics ^Ω
Foundations of Informational Security ^Ω	Principles of Informational Security ^Ω	Additional Elective	Additional Elective
Marketing Principles	Entrepreneurship or Internet Marketing	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning

Education Training Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Education and Training ^Ω	Teaching II ^Ω
Marketing Principles	Education and Training	Teaching I ^Ω	Education Training and Internship ^Ω
Additional Elective	Teaching I	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning

Engineering Design and Advanced Manufacturing

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Intermediate Engineering Design ^Ω	Advanced Engineering Design and Manufacturing ^Ω
Introduction to Drafting ^Ω	Introduction to Drafting ^Ω	Engineering Design and Advanced Manufacturing ^Ω	CTE Lab – Engineering Design and Advanced Manufacturing ^Ω
Foundations of Engineering Design ^Ω	Foundations of Engineering Design ^Ω	Work-Based Learning or Other Elective	Work-Based Learning or Other Elective
Additional Elective	Additional Elective	Work-Based Learning or Other Elective	Work-Based Learning or Other Elective

Fire and Emergency Services Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Introduction to Fire Science ^Ω	Senior Career Pathway Project – Fire and Emergency Services ^Ω
Marketing Principles	Entrepreneurship or Internet Marketing	Fire Fighting ^Ω	CTE Lab in Fire and Emergency Services ^Ω
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning

Heavy Equipment Operation Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	NCCER Heavy Equipment Operations 1 ^Ω	NCCER Heavy Equipment Operations 3 ^Ω
Marketing Principles	NCCER Carpentry 1 ^Ω	NCCER Heavy Equipment Operations 2 ^Ω	Senior Career Pathway Project-Transportation, Distribution, and Logistics ^Ω
Additional Elective	NCCER Carpentry 2 ^Ω	Work-Based Learning	Work-Based Learning
Additional Elective	Entrepreneurship or Internet Marketing	Work-Based Learning	Work-Based Learning

Medical Careers Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	US History 1877 to present**	Science-credit option**
World History	US History to 1877	Human Body Structures & Functions ^Ω (Meets Science Requirement)	US Government/ Economics**
PE or LIFE	Medical Terminology	Therapeutic Services ^Ω	Health Science Internship ^Ω
Foundations of Health Science	Marketing Principles	Additional Elective	Health Science Internship ^Ω
	Additional Elective	Additional Elective	Additional Elective
Additional Elective	Additional Elective	Additional Elective	Additional Elective

Precision Machining Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	Intermediate Mill & Surface Grinder ^Ω	Introduction to Computer Numerical Control ^Ω
Marketing Principles	Introduction to Milling ^Ω	Intermediate Lathe & Bench Work ^Ω	Intermediate Computer Numerical Control ^Ω
Additional Elective	Introduction to Lathe ^Ω	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning

Sports Medicine Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	US History 1877 to present**	Science-credit option**
World History	US History to 1877	Science-credit option**	US Government/ Economics**
PE or LIFE	Sports Medicine I ^Ω	Sports Medicine II ^Ω	Sports Medicine Internship ^Ω
Foundations of Health Science	Marketing Principles	Additional Elective	Sports Medicine Internship ^Ω
Additional Elective	Additional Elective	Additional Elective	Additional Elective
Additional Elective	Additional Elective	Additional Elective	Additional Elective

Welding Academy

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Geometry w/Statistics	Intermediate Algebra w/ Probability	Advanced Algebra	Mathematics-credit option**
English Grade 9	English Grade 10	English Grade 11**	English Grade 12**
Biology	Physical Science	Science-credit option**	Science-credit option**
World History	US History to 1877	US History 1877 to present**	US Government/ Economics**
PE or LIFE	Health/Semester Elective	NCCER Welding I ^Ω	NCCER Welding III ^Ω
Marketing Principles	Entrepreneurship or Internet Marketing	NCCER Welding II ^Ω	NCCER Welding IV ^Ω
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning
Additional Elective	Additional Elective	Work-Based Learning	Work-Based Learning



ADVANCED PLACEMENT INFORMATION (AP DESCRIPTOR)

AP courses are college-level courses endorsed by the College Board in which TIMED ASSESSMENTS ARE ADMINISTERED. All Advanced Placement courses carry the cost of an exam in the spring.

In order to receive weighted credit (10 points) for the AP course students must demonstrate the following:

- Take the AP test administered in May 2024.
- Attend at least 3 supplementary sessions for each AP exam he/she is taking. A minimum of four per course will be offered.
- Commit to completing the requirements of the class.
- Maintain an average of "C" (70%) or above in the AP course.
- Student and parent must sign a contract committing to course completion.
- Please see AP Contract Below:

AP CONTRACT 2023-2024

Student Name: _____ Class: _____

Description of the Advanced Placement Program:

- I. The Advanced Placement program is a nationally recognized program sponsored by the College Board which enables students to complete college-level studies while still in high school, and to obtain college placement or credit on the basis of their performance on Advanced Placement examinations. All Advanced Placement courses carry the cost of an exam in the spring, which is \$96 per exam. There will be a reduced charge for students who receive free/reduced lunch.
- II. In order to receive weighted credit for the course an AP student will demonstrate the following criteria:
 - a. Take the AP test administered in May 2024.
 - b. Attend three teacher led study sessions before or after school at his or her High School.
 - c. Take the course midterm at the end of the first semester.
 - d. Commit to completing the requirements of the class.
Maintain an average of "C" (70%) or above in the AP course.

Return this signed form to your AP teacher by August 17 or 18 (depending on class meeting date). You must fill out a form for each AP course in which you are enrolled.

Student Agreement

My signature below confirms that I understand the expectations of the AP program and accept its academic challenges. I agree to devote my best efforts to complete the course successfully. I understand that my success in the AP course is primarily my responsibility.

Initial beside the option that applies to you

_____ I will take the AP exam for this course in May 2024

_____ I will not take the AP exam for this course in May 2024, and understand I will not be receiving weighted credit for the course.

Student Signature	Printed Name	Date Signed
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Parent/Legal Guardian Agreement

My signature below confirms that I have read the Advanced Placement Student Expectations. I understand that the course requires increased rigor and challenge and I agree to support and encourage my student to successfully complete all Advanced Placement courses in which he/she is enrolled. I will notify the teacher immediately of any concerns I have relating to the course or my student's progress.

Parent/Legal Guardian Signature	Printed Name	Date Signed
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High School Grading Policy (Grades 9-12)

<p>ADVANCED</p> <p>70% - (i.e. assessments, projects, research papers/essays, etc.)</p> <p>30% - (classwork, quizzes, etc.)</p> <p>-or-</p> <p>70% - (i.e. assessments, projects, research papers/essays, etc.)</p> <p>20% - (classwork, quizzes, etc.)</p> <p>10% - (homework)</p>	<p>GENERAL ED</p> <p>60% - (i.e. assessments, projects, research papers/essays, etc.)</p> <p>40% - (i.e. classwork, quizzes, etc.)</p> <p>{no homework}</p> <p>-or-</p> <p>60% - (i.e. assessments, projects, research papers/essays, etc.)</p> <p>30% - (classwork, quizzes, etc.)</p> <p>10% - (homework)</p>
<p>Assessments Teachers are required to give a minimum of three (3) assessments and one (1) Common Assessment per nine weeks.</p> <p>Grade Entry Teachers should enter grades by Mondays of each week.</p>	

Common Assessments

As of 2020-21, Decatur City Schools will administer district-wide Common Assessments (*9th-11th grades*) to ensure all Alabama Course of Study standards are taught to fidelity. Student data derived from common assessments will further gauge how successful students are in mastering standards. In addition, Common Assessments will be given each 9-weeks and averaged with additional assessments/projects grades. All assessments will be weighted based on the course level (advanced or general).

Academic Dual Enrollment /Dual Credit

Decatur City Schools has established a Memorandum of Understanding with Calhoun Community College, Auburn University (Auburn First) and University of Alabama (Early College) to afford students an opportunity to earn course credit. **Dual Enrollment / Dual Credit** is a program which allows eligible high school students, **grades 10 -12**, to enroll in college classes concurrently with high school classes, either at the college campus or at the high school, and receive both high school and college credit.

Parents and students are encouraged to contact the school guidance counselor and visit the links below for more information on Dual Enrollment/Dual Credit options.

- **Calhoun Community College** -[Calhoun Community College Dual Enrollment](#)
- **Auburn University (Auburn First)** - [Auburn University Auburn First Dual Enrollment](#)
- **University of Alabama (UA Early College)** -[University of Alabama Early College Dual Enrollment](#)
- **University of North Alabama**
- **University of Alabama Birmingham**
- **Jacksonville State**
- **Wallace State**

Eligibility for Dual Enrollment/Dual Credit

Described in Procedure 801.01: Admission: General, with the exception of proof of high school graduation or GED completion.

- A. In the absence of an Alabama driver's license or state-issued ID card, a student receives a certified copy of their birth certificate to establish U.S. citizenship and a printout of the student information profile sheet from iNow signed and dated by their high school principal to establish current residency and identification. The profile sheet must show the student's home address and include the student's photo.
- B. Students must be in grade 10, 11, or 12. An exception may be granted by the Chancellor for students documented as gifted and talented in accordance with Alabama Administrative Code §290-8-9.12.
- C. Students seeking enrollment in Dual Enrollment for Dual Credit coursework must have a minimum cumulative (unweighted) high school grade point average of 3.0 on a 4.0 scale. Students must have written approval of the appropriate principal or career and technical education program representative (if applicable) and counselor. Dual Enrollment for Dual Credit eligibility for students enrolled in private, homeschool/private tutor, parochial, or church/religious secondary educational entities must be documented in writing by an appropriate school official. Approval from secondary school officials indicates that the student has demonstrated both academic readiness and social maturity.
- D. The ACCS institution has the right to restrict a student's enrollment on the basis of academic readiness, social maturity, health and safety concerns, course availability, and/or local institutional policy.

RECLASSIFICATION OF HIGH SCHOOL STUDENTS

HIGH SCHOOL STUDENTS ARE ELIGIBLE FOR RECLASSIFICATION AT THE CONCLUSION OF THE FIRST SEMESTER, SECOND SEMESTER, AND SUMMER SCHOOL OF EACH SCHOOL YEAR.

- A STUDENT MAY BE CLASSIFIED AS A SOPHOMORE IF THE STUDENT HAS EARNED SIX (6) CREDITS OVERALL, THREE (3) OF WHICH ARE CORE CURRICULUM CREDITS. *
- A STUDENT MAY BE CLASSIFIED AS A JUNIOR IF THE STUDENT HAS EARNED TWELVE (12) CREDITS, SEVEN (7) OF WHICH ARE CORE CURRICULUM CREDITS. *
- A STUDENT MAY BE CLASSIFIED AS A SENIOR IF THE STUDENT HAS EARNED EIGHTEEN (18) CREDITS, ELEVEN (11) OF WHICH ARE CORE CURRICULUM CREDITS. *
- *THE CORE CURRICULUM SUBJECT AREAS ARE: MATH, ENGLISH, SCIENCE, AND SOCIAL STUDIES AS MANDATED BY THE STATE FOR THE ALABAMA HIGH SCHOOL DIPLOMA.

ALABAMA HIGH SCHOOL DIPLOMA

Language Arts (4 Credits)	Mathematics (4 Credits)*	Science (4 Credits)	Social Studies (4 Credits)
English 9 English 10 English 11 English 12	Click here for information about math requirements under the new Math Course of Study.	Biology A Physical Science (2) Additional Sciences	World History 9 U.S. History 10 U.S. History 11 Government/Economics
Physical Education (1 Credit)	Health Education (0.5 Credit)	Career Preparedness (1 Credit)	Career and Technical Education (CTE) and/or Foreign Language and/or Arts Education (3 Credits)
LIFE (Personal Fitness) One JROTC, Marching Band, or Athletics credit may be used to meet this requirement.		*Beginning with the incoming 2018-2019 Freshman class Career Preparedness will be substituted by any of the Freshman Career Academy Foundation courses	Students are encouraged to complete two courses in sequence
Electives (2.5 Credits)	Total Credits Required for Graduation = 24		

DIPLOMA ENDORSEMENT OPTIONS

In order to receive the following endorsements to the Alabama High School Diploma, a student must complete the standard coursework and follow the guidelines for that endorsement.

Advanced Academic Endorsement w/ Honors

- In order to receive this diploma endorsement, a student must complete the academic requirements below and maintain a cumulative numerical average of 90.0 or above in the four core subject areas.
- Language Arts: 4 credits must be advanced level courses taken in the 9th and 10th grades and must be AP or Dual Enrollment courses taken in 11th and 12th grades.
- Mathematics: 4 credits to include the equivalent of: Algebra I with Probabilities, Geometry with Data Analysis, Algebra II w/Statistics, One other Math (Pre-Calculus, AP Calculus, and Dual Enrollment) credit above Algebra II w/Statistics.
- Science: 4 credits must be advanced level courses taken in the 9th and 10th grades and must be AP or Dual Enrollment courses (to include Human Body Structures at the Career Academies of Decatur) taken in 11th and 12th grades.
- Social Studies: 4 credits must be advanced level courses taken in the 9th and 10th grades and must be AP or Dual Enrollment courses taken in 11th and 12th grades.
- CTE Foundation Course: 1 credit
- Physical Education: 1 credit – One JROTC credit may be used to meet this requirement
- Health Education: (½) credit
- CTE and/or Art Education: 1 credit- Students choosing CTE, Arts Education, and or Foreign Language are encouraged to complete two courses in sequence.
- Foreign Language: 2 credits- must be completed in a sequence
- Electives: 3.5 credits

Advanced Academic Endorsement

- In order to receive this diploma endorsement, a student must complete the academic requirements below.
- Language Arts: 4 credits, 2 of the 4 credits must be AP or Dual Enrollment courses taken in the 11th and 12th grades. It is recommended that students take 9th and 10th grade advanced classes.
- Mathematics: 4 credits to include the equivalent of: Algebra I with Probabilities, Geometry with Data Analysis, Algebra II w/Statistics, One other Math credit.

- Science: 4 credits to include the equivalent of: Biology, Chemistry and two additional science credits to include at least one AP or Dual Enrollment course (to include Human Body Structures at the Career Academies of Decatur).
- Social Studies: 4 credits, 2 of the 4 must be AP or Dual Enrollment courses taken in the 10th, 11th or 12th grade.
- CTE Foundation Course: 1 credit
- Physical Education: 1 credit – One JROTC credit may be used to meet this requirement
- Health Education: (½) credit
- CTE and/or Art Education: 1 credit- Students choosing CTE, Arts Education, and or Foreign Language are encouraged to complete two courses in sequence.
- Foreign Language: 2 credits- must be completed in a sequence
- Electives: 3.5 credits

Career/Tech Endorsement with Credential

- To receive this endorsement, the student must complete the same curriculum as the Standard diploma along with the following requirements: Career Tech Academy completer and pass the credential test for subject area.

National Honor Society Membership Information

The aims and requirements of the Austin/Decatur High chapter of the National Honor Society are: **SCHOLARSHIP**: To create an enthusiasm for learning and high standards of scholarship, **LEADERSHIP**: To encourage the development of trustworthy and responsible leadership, **CHARACTER**: To instill exemplary qualities of good character, **SERVICE**: To develop loyalty to school, community, and country through volunteer service efforts

REQUIREMENTS FOR INDUCTION:

1. The faculty council is responsible for the selection of honor society members based on the areas of scholarship, leadership, character, and service.
 - a. The students must have a cumulative average of 90.00 or above.
 - b. The student must have good conduct as determined by the faculty council.
 - i. For all candidates, in consideration of the National Honor Society's character component, the faculty council will examine all high school disciplinary records. Some disciplinary infractions, such as cheating or unauthorized absence from class may result in non-selection. Repeated disciplinary referrals may be considered defiance of authority and may result in non-selection.
 - ii. During the council's review of student discipline, the faculty will look at improvement from previous years as a sign of maturity.
 - c. The student must exhibit characteristics of good character, but he/she may not be considered if:
 - a. He/she exhibits poor behavior at school in the halls, gymnasium, library, cafeteria, or at any school related or school sponsored activities.
 - i. He/she is caught cheating and this instance is documented according to school policy.
 - c. He/she exhibits a disrespectful attitude toward teachers, administrators, other staff members, or the items set forth in the Code of Conduct for the Decatur City Schools.
 - ii. He/she has been arrested or ejected from a school function
 - d. Students must take grade level or above courses to be considered for membership. Students must have taken or currently be enrolled in Algebra II with Statistics. Students must have taken two years of the same Foreign Language or be currently enrolled in the second year.

REQUIREMENTS FOR MAINTAINING MEMBERSHIP:

The member must:

- Maintain a cumulative grade point percentage of 90.00 or above;
- Maintain a record of good conduct;
- Participate in the chapter projects;
- Attend meetings and complete a minimum of 15 community service hours per year. Pay dues for each year of membership.

PROBATION/ EXPULSION:

- Students who drop below 90.00 will be placed on probation and given one grading period to bring the cumulative grade percentage back to the acceptable level.
- Disciplinary referrals for disrespect, other unacceptable conduct, or Honor Code violations will result in probation or consideration of dismissal (as determined by the faculty council).
- Students placed on probation for either grade deficiency or conduct violations will receive only one warning. Subsequent warnings may result in consideration of dismissal.
- Students who are arrested or ejected from a school function are subject to immediate consideration of dismissal from the NHS.
- In all cases of pending dismissal, a member has a right to a hearing with the faculty council.
- Students who fail to meet requirements during the last grading period of the senior year will not wear the gold stole and tassel at graduation.
- Students who are removed from the NHS will not be reinstated.

NCAA ELIGIBILITY

If you have the desire to compete in sports after high school at the Division I, II, III or not sure which level, you will need to register in the NCAA Eligibility Center at this link <https://web3.ncaa.org/ecwr3/>. The eligibility center registration ensures you meet amateur status and are prepared for college-level coursework. There is a registration fee, which can be waived at your request. In addition, you will be required to submit your ACT score directly to the Eligibility Center using your ACT account for a small fee. Finally, your transcript is uploaded by the school counselor at the end of your junior year and during senior year.