

# Holtville High School



**Course  
Descriptions  
2022-2023  
Grades 9-12**



## Elmore County Public Schools Alabama High School Diploma

Cohort Years 2017 and Future

AREAS OF STUDY	REQUIREMENTS		CREDITS
	Alabama High School Diploma <sup>1</sup>	Alabama High School Diploma with Advanced Endorsement <sup>2,3</sup>	
English	English 9, 10, 11, and 12	Advanced English 9, 10, 11, and 12 or any AP	4
Mathematics	Geometry with Data Analysis Algebra I w/Probability Algebra II w/Statistics One additional math elective	Advanced Algebra I Advanced Geometry w/Data Analysis Algebra II w/ Statistics One additional advanced math elective	4
Science	Biology A physical science 2 additional science electives	Advanced Biology An advanced physical science 2 additional advanced science electives	4
Social Studies	World History U.S. History (2 years) Government/Economics	Advanced World History Advanced U.S. History (2 years) Advanced Government/Economics	4
Physical Education	LIFE (Personal Fitness) JROTC credit may be used to meet this requirement	LIFE (Personal Fitness) JROTC credit may be used to meet this requirement	1
Health Education	<i>Alabama Course of Study: Health Education</i>	<i>Alabama Course of Study: Health Education</i>	.5
Career Preparedness	Career Preparedness Course (Career & Academic Planning, Computer Applications, Financial Literacy)	Career Preparedness Course (Career & Academic Planning, Computer Applications, Financial Literacy)	1
CTE and/or Foreign Language and/or Arts Education	Students choosing CTE, Arts Education, and/or Foreign Language are encouraged to complete two courses in sequence.	Advanced Endorsement REQUIRES a <u>minimum</u> of 1 Foreign Language; remaining credits may be chosen from CTE, Arts Education, and/or Foreign Language	3
Electives			2.5
<b>TOTAL CREDITS REQUIRED FOR GRADUATION</b>			<b>24</b>

**NOTES:**

<sup>1</sup>Students who complete three consecutive Career-Technical Education courses in the same program will earn the Alabama High School Diploma with Career-Technical Education Endorsement.

<sup>2</sup>Students must take a minimum of 12 advanced-level core courses, with all 11<sup>th</sup> and 12<sup>th</sup> grade core courses being advanced-level, to earn this diploma.

<sup>3</sup>Students who complete three consecutive Career-Technical Education courses in the same program will earn the Alabama High School Diploma with Advanced Career-Technical Education Endorsement

# English

## English 9

This course emphasizes reading and following directions. Vocabulary study will be emphasized along with library and study skills. Students will also develop paragraphing and letter-writing skills using several methods. Literature appreciation, critical thinking, and cooperative learning will also be stressed. Emphasis will also be placed upon basic competency skills, penmanship, capitalization, punctuation, and usage. The research process will be taught, and a brief research paper is required.

### **Advanced English 9 (+0.2 grade weight)**

This course includes all aspects of Honors Freshman English with a greater emphasis on literary analysis in the development of writing skills. Students who are high achievers in eighth grade language arts should take this course as a foundation for Advanced Placement courses. The focus is on greater exposure to all forms of literature, with a special emphasis on mythology, legend, narrative fiction and nonfiction, and drama. In addition to the required 9<sup>th</sup> grade language arts curriculum, students will be instructed in critical reading, writing, and study skills; aspects of using primary and secondary sources in research will be introduced and utilized, especially in the use of technology to find, evaluate, synthesize, and present information. This course fulfills the 9<sup>th</sup> grade English requirement for graduation.

## English 10

This course emphasizes reading, writing, speaking, thinking, and listening skills. Individualized attention will be stressed for students with reading difficulties and other communication problems. The following skills will also be stressed: grammar usage, vocabulary development, dictionary use, business writing, job interviews, and public relations. While grammar is central to this course, American literature will be incorporated into the lessons. The research process is taught, and a research paper is required.

### **Advanced English 10 (+0.2 grade weight)**

This course includes all aspects of Honors English 10 but additionally provides a foundation in preparation for the Advanced Placement Language (Grade 11) and Literature (Grade 12) courses in the years that follow.

Teachers employ advanced strategies and materials to introduce skills, concepts, and assessment methods that prepare students for success when they take the Advanced Placement and other challenging courses. This course focuses on developing students' ability to critically read, think, discuss, and write about literature. Students learn Advanced Placement terminology and literary terms and will be expected to perform on a more analytical level while also applying the many life lessons that are found in great works of literature.

## **English 11**

This course is designed to help students overcome weaknesses in Standard English by emphasizing reading and writing activities. Practice in grammar, composition, and vocabulary is included. Modern short stories, as well as a survey of American Literature, are studied. There is more writing in response to literary selections.

Emphasis is placed on grammar improvement and the study of literature for its purpose and universality. Students learn to appreciate literature for the life lessons found within. The research process is taught, and one research paper is required.

## **AP Language 11 (+1.0 grade weight)**

The purpose of this course is to engage students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. The primary goal of this class is to enable students to write effectively and confidently across the curriculum in their current and succeeding academic courses as well as in their professional and personal lives. The essays written will proceed through several stages of draft and revision aided by the teacher and peers. Works of American Literature, as well as works of other origins, will be studied.

## **English 12**

This course is designed to strengthen skills in grammar and composition. Students will read and respond to various selections from British Literature and World Literature. Literature will provide the vehicle through which students learn life lessons, while reinforcing grammatical skills. Students will polish practical skills such as writing resumes, thank you notes, and business letters. Students will also have daily language activities and vocabulary lessons. The research process is taught, and students will have a major research assignment.

## **AP Literature 12 (+1.0 grade weight)**

AP Literature is a college-level English class that often takes more time, requires more work, and gives greater opportunity for individual accomplishments. Students should be prepared to read numerous British, World, and American texts and respond to them in a cogent, mature manner. Students will study at least thirty (30) vocabulary words a week and be able to incorporate these words into their essays. Students should be prepared daily to discuss and write intelligently about assigned texts. At the conclusion of the course, successful students will be able to write a lucid essay on an unfamiliar piece of literature in a time-writing situation, while interpreting it perceptively. He/she will also have a repertoire of selected novels, poems, and drama from British, World, and American Literature from which to draw answers to essay questions on the national Advanced Placement Literature and Composition Examination offered in the spring.

# Social Studies

## **World History 9: 1500 to the Present**

This is a required course for graduation from Alabama high schools. Students will analyze development and changes in world civilizations and the ways in which interactions of these cultures have influenced today's world. This will enable students to understand the global interdependence and connections between world societies.

## **Advanced World History 9: 1500 to the Present (+0.20 grade weight)**

Students will analyze development and changes in world civilizations and the ways in which interactions of these cultures have influenced today's world. This will enable students to understand the global interdependence and connections between world societies. Emphasis will be placed on writing and in-depth study of the subject matter. Students who wish for a more challenging curriculum should take this course. This course fulfills the history requirement for 9<sup>th</sup> grade.

## **United States History 10: Beginnings to 1877**

This is a required course for graduation from Alabama high schools. The emphasis of this class is for students to understand the development and principles of modern American society. The class includes a chronological survey of major issues, movements, events, individuals, and diverse groups of people from both a national and Alabama perspective.

**Advanced United States History 10: Beginnings to 1877 (+0.20 grade weight)** The emphasis of this class is for students to understand the development and principles of modern American society. The class includes a chronological survey of major issues, movements, events, individuals, and diverse groups of people from both a national and Alabama perspective. This course will require higher-level thinking and inquiry skills. Emphasis will be placed on writing and in-depth study of subject matter. Students who wish for a more challenging curriculum should take this course. This course fulfills the history requirement for 10<sup>th</sup> grade.

## **United States History 11: 1877 to the Present**

The major emphasis of this class is on 20<sup>th</sup> Century America and beyond. It meets the 11<sup>th</sup> grade requirements of American History for graduation. The course focuses on critical issues and events that encompass historic, geographic, economic, and political literacy beginning with a shift to a more industrialized society.

### **Advanced United States History 11: 1877 to the Present (+0.20 grade weight)**

The emphasis of this class is for students to understand America from the Industrial Revolution to the present. This course will require higher-level thinking and inquiry skills. Emphasis will be placed on writing and in-depth study of subject matter. Students who wish for a more challenging curriculum should take this course. This course fulfills the history requirement for 11<sup>th</sup> grade.

### **United States Government**

This course, paired with the 18-week Economics course, is required for all 12<sup>th</sup> grade students and necessary for graduation from high school. The course focuses on the intellectual, economic, and political factors that influenced the development of the United States. Emphasis is placed on the development of the democratic principles contained in the Constitution and the civic knowledge necessary to become active, informed citizens.

### **Advanced United States Government (+0.2 grade weight)**

This course, paired with the 18-week Economics course, is required for all 12<sup>th</sup> grade students and necessary for graduation from high school. The course focuses on the intellectual, economic, and political factors that influenced the development of the United States. Emphasis is placed on the development of the democratic principles contained in the Constitution and the civic knowledge necessary to become active, informed citizens. This advanced course will include higher-level thinking and reasoning skills with emphasis placed on analysis of documents and issues, writing, and inquiry skills. Students wishing to experience a greater academic challenge and gain the skills required to prepare for college should take this course. This course should be teamed with Advanced Economics for one (1) credit.

### **Economics**

This course is an 18-week study of Economics, which paired with the United States Government course, is required for graduation from Alabama high schools. It focuses on the key principles of economics as well as how these principles are used to form public policy. Students will examine public policies and analyze their impact on contemporary economic systems to include a free market economy.

### **Advanced Economics (+0.20 grade weight)**

This course is an 18-week study of Economics and is required for graduation from Alabama high schools. It focuses on the key principles of economics as well as how these principles are used to form public policy. Students will examine public policies and analyze their impact on contemporary economic systems to include a free market economy. This honors course will include higher-level thinking and reasoning skills with emphasis placed on analyzing, writing, and inquiry skills. Students wishing to experience a greater academic challenge and gain the skills required to prepare for college should take this course. This course should be teamed with Advanced United States Government for one (1) credit.

# Mathematics

## **Algebra I (Grade 10)(Required if not completed in 8th grade)**

Students will study functions including linear, absolute value, quadratic, and exponential; and functions as explicit (relation between input and output) and recursive (relation between successive values). Properties of algebra are applied to convert between forms of expressions and to solve equations (factoring, completing the square, rules of powers, and radicals). Other topics included are graphing equations and inequalities and concepts of probability.

## **Advanced Algebra I (Grade 10) (+0.2 grade weight)**

Advanced Algebra I is a study of the fundamental structure of the real number system and the solution of math problems through the algebraic method. Attention will be given to algebraic properties. This course will include the study of formulas, equations, inequalities, and other basic concepts of Algebra. This class will provide a rigorous college ready option for students that culminates with AP Calculus and/or AP Statistics. Students in this track will explore mathematics at a deep conceptual level and will move at a more rapid pace. The focus in these courses will be on more advanced topics that prepare students for success in AP courses. More opportunities will be given in these classes for student led work. Regular rigorous homework will be given, and assignments will be more in depth to include cross curriculum opportunities and large-scale project-based learning. This course is ideal for college bound students whose chosen majors require multiple mathematics courses in Pre-Calculus, Statistics, Calculus, Differential Equations and above. This course is paired as a block class with Advanced Geometry.

## **Geometry w/ data analysis (Grade 9)**

Students will study transformations, congruence, similarity, and coordinate geometry concepts with an emphasis on informal reasoning and proof to more formal proofs during this course. Other topics included are an introduction to right triangle trigonometry, modeling with geometric shapes, and measurement of solids. In the Data Analysis content area, there is a focus on univariate quantitative data on the real number line (shape, center, and variability) and bivariate quantitative data on a coordinate plane (creating linear models).

## **Advanced Geometry w/ data analysis (Grade 9)(+0.2 grade weight)**

Geometry is designed for those students who plan to continue their study into advanced mathematics and Science. This course is the formal development of geometric skills and concepts with strong emphasis on the application of algebraic principles. Course work provides for development of problem-solving skills, trigonometric functions, inductive and deductive reasoning, and real-world applications and modeling. This class will provide a rigorous college ready option for students that culminates with AP Calculus and/or AP Statistics. Students in this track will explore mathematics at a deep conceptual level and will move at a more rapid pace. The focus in these courses will be on more advanced topics that prepare students for success in AP courses.

### **Algebra II w/ statistics (+0.2 grade weight)**

Algebra II w/statistics focuses on problem-solving skills that use a variety of algebraic methods to provide a deeper understanding of the content area. Applications involving real-life situations are incorporated throughout the course. This course is strongly recommended for students who plan to pursue post-secondary studies. This class will provide a rigorous college ready option for students that culminates with AP Calculus and/or AP Statistics. Students in this track will explore mathematics at a deep conceptual level and will move at a more rapid pace. The focus in these courses will be on more advanced topics that prepare students for success in AP courses. More opportunities will be given in these classes for student led work. Regular rigorous homework will be given, and assignments will be more in depth to include cross curriculum opportunities and large-scale project-based learning. This course is ideal for college bound students whose chosen majors require multiple mathematics courses in Pre-Calculus, Statistics, Calculus, Differential Equations and above.

### **Algebra II w/statistics**

Students will study an expanded range of functions, including polynomial, trigonometric (specifically sine and cosine), logarithmic, reciprocal, radical, and general piecewise functions. Students also solve equations associated with these classes of functions. In Statistics, students learn how to make inferences about a population from a random sample drawn from the population and how to analyze cause-and-effect by conducting randomized experiments. Students are introduced to the study of matrices in the Number and Quantity content area.

### **Algebra with Finance**

Algebra with Finance is a one-credit college and career preparatory course that integrates algebra, Pre-calculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. Math concepts and skills are applied through study and problem-solving activities in workforce situations in the following areas: banking, investing, employment and income taxes, automobile ownership and operation, mathematical operations, consumer credit, independent living, and retirement planning and budgeting.



**Pre-Calculus (+0.2 grade weight)**

Pre-calculus is designed primarily for students considering careers in math or science related fields. A study of polynomial functions, logarithms, exponents, trigonometry, statistics, and vectors is expanded. This course is necessary for students who will be required to take Calculus at the post-secondary level. This course is ideal for students in the AP track who wish to take AP Calculus.

**AP Calculus (+1.0 grade weight)**

Advanced Placement Calculus is designed as a college-preparatory course for those students with strong interests in the fields of engineering, medicine, or higher mathematics. This course is designed to follow the successful completion of Pre-calculus. The course will provide a basis for the student entering Calculus I by reinforcing functions, derivatives, limits and integrals. The student will apply the concepts to computer programming. The use of calculators and computers is encouraged.

**AP Computer Science (+1.0 grade weight)**

AP Computer Science is equivalent to a first-semester, college level course in computer science. 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. The AP Computer Science course curriculum is compatible with many CS1 courses in colleges and universities. This course may count as a career technical course instead of mathematics.

# Science

## **Biology**

This course presents a life science in familiar language. It covers all topics on the State Course of Study for Biology. Topics will include cells, genetics, zoology, botany, ecology and the classification system. This course fulfills the State of Alabama's Life Science requirement for a high school diploma.

### **Advanced Biology (+0.2 grade weight)**

This course will present an advanced overview of principles, concepts, and terminology for a foundation in biological science. Topics will include cells, genetics, botany, ecology, evolution and the classification system for living things. This course emphasizes mastery through lecture, laboratory, and discussion. Advanced Biology is a college preparatory course.

## **Physical Science**

This course will be a study of matter and energy. Topics include the structure of matter, periodic charts, metric system, scientific measurements, aspects of motion, writing and balancing equations, magnetism and electricity. This course meets the physical science requirement for graduation.

### **Advanced Chemistry (+0.20 grade weight)**

Chemistry presents the concepts associated with the properties and changes in matter, structure of atoms, periodic table, solutions, and the interactions between matter and energy. Students write equations, solve mathematical problems related to chemistry, and perform laboratory experiments. Advanced Chemistry meets the physical science requirement for graduation.

## **Environmental Science**

This course is a study of environmental problems and issues with development of the scientific background facts and concepts necessary for analyzing these issues and problems.

### **Anatomy and Physiology**

Anatomy and Physiology will cover the structure and function of the ten major body systems, furnishing an excellent background for students planning careers in medical or related fields. Because life functions are chemical reactions, completion of Biology and Physical Science is required for enrollment in Anatomy and Physiology.

### **Advanced Anatomy and Physiology (+0.2 grade weight)**

Advanced Anatomy and Physiology is an in-depth coverage of the structure and function of the ten major body systems, furnishing an excellent background for students planning careers in medical or related fields. Students who desire a challenging college preparatory course will also benefit.

### **AP Biology (+ 1.0 grade weight)**

The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. The textbook used is the same as the one used by college biology majors. The following topics are studied: Interactions, Information, Evolution, and Environment. This course is much more in depth than high school biology and will require more reading and studying. This course is recommended for students who are self-motivated regardless of whether they plan to pursue a science major in college. Students will take the AP exam in the spring.

### **AP Chemistry (+1.0 grade weight)**

This course is equivalent to the first chemistry course taken in college. The emphasis is on chemical calculations and mathematical formulation of chemical principles. Because it is taught on a college level, this course is academically challenging. Students will take the AP exam in the spring.

### **AP Physics 1, Algebra Based (+1.0 grade weight)**

Prerequisite: Geometry and Algebra II w/ Trig or Algebra II w/ Stats

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. A grade of C or better in Algebra II is recommended for success in this course because of the calculations required in the curriculum. The AP Exam is required and will be given in May.

# Physical Education and Health

## **Beginning Kinesiology Grade 9 REQUIRED**

Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses.

## **Athletic Conditioning**

Athletic Conditioning is designed for the student with exceptional athletic ability that wishes to further develop his or her athletic skills. This course is designed to increase cardiovascular conditioning, to advance body conditioning, and to advance weight training, as related to various individual sports.

## **Athletics**

Students are placed in athletics courses by coaches based on the sport played. Tryouts are required and along with summer workouts.

## **Health Education**

High school students experience significant growth and development as they assume complicated responsibilities. The health education course encompasses the eight comprehensive health strands and focuses on the application and mastery of developing health-enhancing skills. Health instruction is addressed in a way that allows students to obtain, interpret, and apply basic health information to their daily lives. To be health-literate, students are encouraged to become self-directed learners while establishing a basic understanding of health promotion and disease prevention. The maturation of the student, intensity of instruction, and level of integration of content across the high school curriculum influences the impact of this course. Health instruction leads students to understand basic concepts of health literacy. They develop skills for accessing health information, products, and services for current and future health needs. They also distinguish between positive and negative impacts of family, culture, mass media, and technology on health. In addition, students gain knowledge of global environmental issues, learn to administer cardiopulmonary resuscitation (CPR) and other first aid procedures, and gain an understanding of the importance of recognizing, avoiding, and reporting types of abuse. Other goals for fostering health literacy for students include becoming competent in making health-enhancing decisions regarding substance use and abuse. Students become informed about factors that affect nutrition decisions and gain knowledge of acute and chronic health conditions, including HIV and AIDS. They also apply decision-making skills, set goals, and work cooperatively to advocate for healthy homes, school, and communities.

# Career and Technical Education at HHS

## Agriscience Cluster

### **Fundamentals of Agriscience**

The emphasis for Fundamentals of Agriscience is based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling

### **Intermediate Agriscience**

The emphasis for Intermediate Agriscience is plant systems. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center and NCCER.

### **Advanced Agriscience**

The emphasis for Advanced Agriscience is animal systems. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center, NCCER, and various others.

## Restaurant Food and Beverages Cluster

### **Hospitality and Tourism**

This course is the prerequisite for the classes in the Restaurants, Food and Beverage Service pathway. Major topics include introduction to hospitality and tourism, recreation, travel and tourism, lodging, restaurants and food and beverage services, safety and sanitation, customer relations, and quality services.

### **Culinary I Prerequisite: Hospitality and Tourism**

Culinary I introduces 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.

### **Culinary II Prerequisite: Culinary I**

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.

### **Event Planning**

This is a one-credit course taught in grades 9-12. 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 in the course to meet the needs of clients 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 events.

## **Sales, Service and Management Cluster**

### **Law and Society**

A one-credit course designed to acquaint students with the basic legal principles common to business and personal activities. This course is an overview of criminal, civil, contract, and consumer law.

### **Marketing Principles**

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. The curriculum will provide an opportunity for a credential in National Retail Federation's Customer Service and Sales.

### **Sports and Entertainment Marketing**

Sports and Entertainment Marketing is a one credit specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Sports Marketing addresses such diverse products as the sporting event itself, its athletes, sports facilities or locations, sporting goods, personal training, and sports information. Entertainment marketing includes events such as fairs, concerts, trade shows, festivals, plays, product launches, and causes. Students will develop skills in the areas of merchandising, advertising, public relations/ publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry. Students will foster a realistic understanding of the business environment in which marketing activities are performed and develop an understanding and appreciation of business ethics. Technology, employability skills, leadership and communications will be incorporated in classroom activities. The curriculum will provide an opportunity for a credential in National Retail Federation's Customer Service and Sales.

### **Entrepreneurship**

WANT TO RUN A BUSINESS? Entrepreneurship is a one-credit course designed to provide students with skills needed to effectively organize, develop, create, and manage a business. This course is fun and actively explores business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations. You will complete real and simulated business experiences and competitions such as, pitching a product idea (think Shark Tank!!!), developing a business plan, utilizing computer and technology applications, and creating a marketing strategy.

### **Internet Marketing**

Do you spend countless hours on social media? Well, guess what? Over 90% of companies use social media as a marketing strategy! Make the time you spend on social media count by taking this one-credit course. This course focuses on applying tools, strategies, and process to communicate digitally with targeted customers.

Emphasis is placed on creating, implementing, and critiquing online advertising, email marketing, websites, social media, and mobile marketing.

### **Business Essentials**

Business Essentials provides an overview of business skills required for today's business world. The course includes types of business ownership, laws and regulations, principles of business management, and analysis of business practices in light of ethical and social responsibilities. Emphasis is placed on skills needed for success in the workplace, managing resources to achieve company goals, and the impact of financial decisions on a business.

## **Information Technology Cluster**

### **Introduction to Robotics**

This one-credit course is designed to provide students with the fundamental knowledge and skills of robotics. Emphasis is placed on fundamentals of electrical current, digital circuits, electronic control systems, and the design and operation of robotic systems.

### **Exploring Computer Science**

This introductory high school Computer Science course is for students in grades 9-10 focused on foundational Computer Science concepts and computational practices. Students will be introduced to the breadth of the field of Computer Science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems. The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and social and ethical issues.

### **Computer Science Principles, AP**

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. The AP Computer Science Exam is required and will be administered in May.

## **Health Science Cluster**

### **Foundations of Health Science (course at HHS is NOT Advanced)**

A course that introduces students to a wide range of health careers and can count as the required Health credit. Integrated academics combined with health care knowledge and skills provide the framework for a strong healthcare delivery system in the twenty-first century. It is recommended for all students who want to prepare for further study in an array of health-related fields at the postsecondary level. This course is the prerequisite for all the health science courses.

### **Sports Med I (Prerequisite Foundation of Health Science)**

a one credit course that will provide an overview of the field of sports medicine as well as expose students to fundamental skills. The importance of legal and ethical concerns will be emphasized. Students will learn about career opportunities, medical terminology, safety, assessment and emergency preparedness in sports medicine.

### **Sports Med II (Prerequisite Sports Med I)**

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 Med III (Prerequisite Sports Med II)**

a one credit course with strong emphasis on musculoskeletal injuries as well as the psychological and sociological responses to injuries and illness. 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.

## **Military Cluster**

### **Army JROTC Leadership and Training I**

A one-credit course that provides first-year cadets with classroom and laboratory instruction in the history, customs, traditions, and purpose of Army JROTC. Emphasis is placed on leadership skills, principles, values and attributes, and diversity.

### **Army JROTC Leadership and Training II**

A one-credit course designed to provide intermediate instruction in leadership and citizenry, and the expansion of skills taught in LET I. Emphasis is placed on communication techniques, cadet challenges, American citizenship, map reading, and the role of the U. S. Army.



### **Army JROTC Leadership and Training III**

A one-credit course designed to provide advanced instruction in leadership and citizenry, communication, history and career opportunities, and technology awareness. Students will have hands-on experiences as teacher/leaders within the cadet battalion.

### **Army JROTC Leadership and Training IV**

A one-credit course that provides opportunities for students to demonstrate leadership potential in an assigned command or staff position within the cadet battalion organizational structure. Emphasis is placed on negotiation skills and management principles.

## **Foreign Languages**

### **French I (+0.2 grade weight)**

This course introduces students to the basic concepts of the French language. Students are encouraged to express basic ideas and to respond to simple questions by means of true to life scenarios. Students will be introduced to French culture, the French-speaking world, and to the French heritage in the United States. Some French literature will be presented. Students will purchase some materials. Some movies will be shown to enhance the culture and literature of France and French speaking countries. **This course is taught completely online through ACCESS. You must have a 2.5 GPA to take this course.**

### **French II (+0.2 grade weight)**

This course continues to build on all the skills introduced in French I. More emphasis is placed on speaking and listening skills. Students are encouraged to write about common, practical topics in the present, the past, and the future. More literature that is French will be introduced. French culture will be explored in a broader context. Students will purchase some materials. Some movies will be shown to enhance the culture and literature of France and French speaking countries. **This course is taught completely online through ACCESS. You must have a 2.5 GPA to take this course.**

### **Spanish I (+0.2 grade weight)**

This course is designed to teach the basic concepts of the Spanish language. Emphasis is placed on listening comprehension and vocabulary. Basic grammar and sentence order is introduced as an integral part of the study with ample practice opportunities available to develop competence. Hispanic culture lessons for students to learn about life in the Spanish-speaking world is also included. **This course is also available via ACCESS. You must have a 2.5 GPA to take this course on ACCESS.**

**Spanish II (+0.2 grade weight)**

This course follows Spanish I and in addition to continued emphasis on the development of listening and speaking skills, this course will include the completion of formal grammar and the expansion of vocabulary. This course is taught in Spanish and English. Cultural study is continued, and history of the Spanish-speaking world is introduced. **This course is available via ACCESS.** **You must have a 2.5 GPA to take this course on ACCESS.**

**Spanish III (+0.2 grade weight)**

Spanish III is the extension of Spanish I and II and is designed to assist students in acquiring the four basic language skills: reading, writing, listening and speaking. Students will learn more about the Spanish History, civilization, and literature and advanced grammar concepts. The course is taught primarily in Spanish. Students must have at least a "B" average in Spanish II to advance to Spanish III. **This course is available via ACCESS. You must have a 2.5 GPA to take this course on ACCESS.**

## ART Courses

**Art Visual I (can be offered as a ½ credit)**

This course introduces the student to the theory, practice, vocabulary, tools, processes, and appreciation of art. This class is designed to provide a foundation for the higher level art and is a required prerequisite for several art classes. This course satisfies the State of Alabama requirement for a fine arts elective.

**Art Visual II (Prerequisite Art Visual I)**

Students learn to see as an artist sees and develops skill in the use of the techniques and media of drawing. Students explore the use of line, value and form through exposure to perspective, still life and figure drawings.

**Music Art Literacy (offered as a ½ credit)**

This half credit course will provide basic instruction in music. Students will explore how to create and produce music, responding and connecting them to historical, current and personal events. Students will have an introduction to history of music, and the ethical and appropriate use of the medium.

**Music Tech (offered as a ½ credit)**

is designed as an overview of audio production techniques in a recording studio environment, including industry-standard process and procedures.

# Band Courses

## **Auxiliary**

This is a one credit course. Emphasis will be placed on achieving excellence in music, teamwork, and excitement. This is a performance-based class and will require all member participation in extra rehearsals and performances, including outside the regular school day. Performance opportunities include spring concert and possible involvement with national/regional competition circuits.

## **Concert Band**

This is a one credit course, designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

## **Marching Band**

This is a one credit course, designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression.

# Other Electives

## **ACT Prep**

This course is designed to assist students in preparing to take the ACT test and provide an overview of the test and practical test taking strategies. Students will increase their awareness of the importance and significance of preparation for the ACT college entrance exam score. This course is designed to guide students through strategies that will help them prepare for the ACT test. It is NOT an academic tutoring opportunity. Students will explore question styles and samples for all four areas of the ACT test (reading, English, math and science) as well as sample prompts for the writing portion.

## **Career Preparedness A&B (Required)**

The state required career preparedness courses focuses on three integrated areas of instruction-academic planning and career development, financial literacy, and technology. Course content ranges from college and career preparation to computer literacy skills interwoven throughout the course. Mastery of the content standards provides a strong foundation for student acquisition of the skills, attitudes, and knowledge that enables them to achieve success in school, at work, and across the life span. Nine weeks of computer skills are incorporated into this course.

## **School Publications**

Assisting in production/maintenance of school publications, e.g., Newspaper, E-papers, Web site maintenance, Newsletter.

## **Yearbook**

Producing a publication; format; layout; photographs; yearbook design. Application is required to participate in yearbook

## **Driver Education**

Driver Education is an elective course designed to give students an opportunity to learn basic driving skills and to develop an appropriate attitude toward safe operation of motor vehicles. The course includes classroom instruction and on-street driving. A student MUST have a learning permit to take the course.

## **Human Geography**

Survey of the nature of human geography through population studies, characteristics and distribution of cultural mosaics, spatial patterns of economic interactions, human settlement, and division of Earth's surface through forces of cooperation and conflict

**Psychology**

History of psychological inquiry; methods of scientific research; human development; sensation and perception; motivation and emotion; states of consciousness; social psychology, cognition; intelligence and assessment; personality theories; stress; mental disorders and treatments.

**Bible as Literature**

Study of the Old Testament, New Testament, heroes, prophecies, poetry, and prose style.

**Contemporary World Issues and Civic Engagement Grades**

Current issues from historical and geographical perspectives; knowledge of key contemporary personalities and events that impact lives.

**Cooperative Education I, II, III, IV (11<sup>th</sup> and 12<sup>th</sup> grades ONLY)**

Application is required and must have a job to participate. 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.

**Teacher's Aide 11<sup>th</sup> and 12<sup>th</sup>**

Participants work with teachers, staff, and students on campus. Participants support teachers and school personnel. Other opportunities may include working in school offices and library or assisting office personnel with day-to-day duties.

## Other Programs

**ACCESS Distance Learning****Alabama Connecting Classrooms, Educators and Students Statewide**

Online courses are offered to all students through Alabama State Department of Education ACCESS Distance Learning Program. Courses are taught by certified teachers through an online course module where assignments, online texts and messages are posted. Students access the online courses in computer lab during the assigned period in their school day schedule. Each computer lab is monitored by an ACCESS facilitator daily to assist students. Students may view a course listing and request ACCESS course through their assigned counselor. Students considering ACCESS courses need to have a 2.5 GPA, good work ethic and should also be comfortable using a computer and working on the Internet.

**Dual Enrollment**

Dual enrollment classes are available to students through local junior colleges, universities, and the Elmore County Technical Center. All fees and expenses are the responsibility of the student and his or her parents/guardians. Prior approval for classes must be obtained BEFORE the student enrolls with the junior college or university. A formal application process is required. Transportation to and from the dual enrollment institution will be the responsibility of the student and his or her parents/guardians.

