Benjamin Russell High School

Course Selection Guide

It is the policy of the Alexander City Board of Education that no person shall, on the grounds of race, color, disability, sex, religion, creed, nationality, origin, or age be excluded from participation in, be denied the benefits of, or be subjected to discrimination under program, activity or employment.

2021-2022

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Benjamin Russell High School Students:

This Course selection guide represents your future. It contains information regarding course offerings, recommended course sequences, policies, requirements, and services. This information has been prepared to enable students and parents to make informed decisions regarding a program of study and to prepare for the lifelong career decision-making process. Look at it carefully. It will be your road map to successfully reaching your academic goals at BRHS and beyond. Also, look ahead to the skills you will need to fulfill your future career goals. If you intend to go to work immediately following graduation, ask yourself what elective courses will prepare you for your first entry-level job. If your career goals include technical school, community college, or four-year college or university, determine now the entrance requirements and design your program to meet and exceed those requirements.

A strong high school background is essential for continued success in the workplace or in post-secondary education. In selecting a program of study, students should recognize that employment and college admissions are highly competitive. Rigor of curriculum, grade point average, attendance, and standardized test scores are crucial factors in decisions made by employers and college admissions personnel. Therefore, it is advantageous for students to select a challenging program of study consistent with career goals and post-secondary plans.

Benjamin Russell High School offers you the opportunity to prepare for a successful future, but the next step is always yours. Begin now to make your choices by carefully reading this Course Selection Guide and making thoughtful decisions.

BRHS Mission

Our mission is to have every graduate to be College and Career Ready.

MOTTO:

Character, Class and Pride

ENGLISH

ENGLISH 9
Course Description:
This course offers freshmen a combined study of world literature, grammar, and composition with an emphasis on reading comprehension and language usage. Students will gain experience in the areas of sentence and paragraph writing, library and research skills, and vocabulary development.
Credit: 1.0
Course Prerequisites and/or Special Requirements: Successful completion of 8th grade English

HONORS ENGLISH 9
Course Description:
This course enables students to master fundamental grammar, usage, sentence structure, mechanics, and introductory research skills. Students should be able to read for both basic comprehension and literary analysis. Students will develop introductory composition skills and will write analytical essays. Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisites and/or Special Requirements: An 80 in 8th Grade Honors English or an 80 in 8th grade English with the teacher recommendation.

ENGLISH 10
Course Description:
This course combines the study of language and early American literature with communication skills through presentations, research, projects, and student writing.
Credit: 1.0
Course Prerequisites and/or Special Requirements: Successful completion of English 9 or Honors English 9

HONORS ENGLISH 10
Course Description:
This course combines intense language study and writing with early American literature. Students will develop high-level skills in language usage, language manipulation, and rhetorical schemes. An emphasis is placed on critical level thinking skills, the initiative to read independently, and rigorous study skills. Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisites and/or Special Requirements: An 80 or higher in Honors English 9 or a 90 in 9th Grade English

ENGLISH 11
Course Description:
This course focuses on effective communication skills including reading comprehension, language usage, and composition. Students will review and analyze twentieth century American literature and become skilled in persuasive, expository, narrative, and descriptive writing. Students will also complete a research paper.

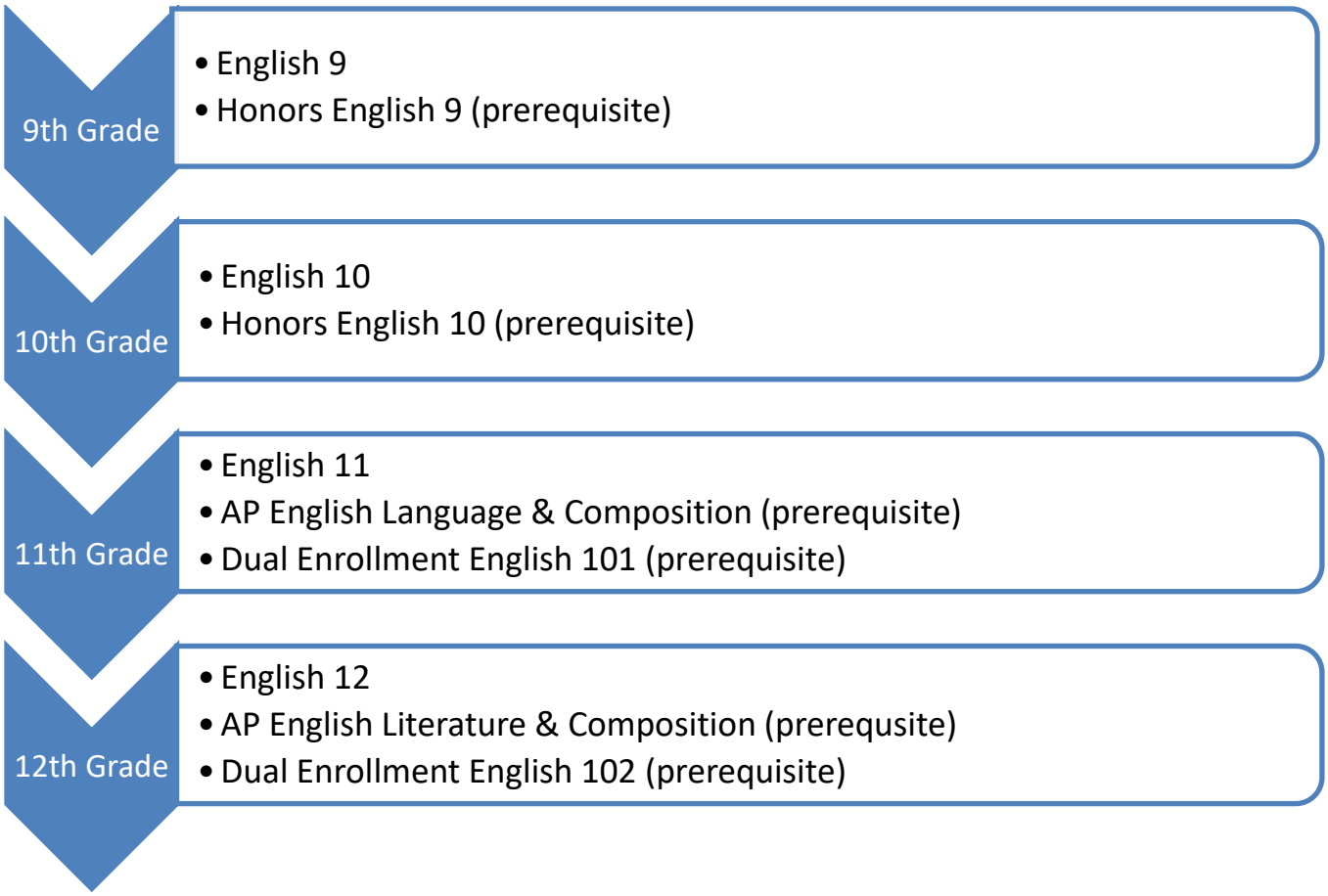
Credit: 1.0
Course Prerequisites and/or Special Requirements: Successful completion of English 10 or Honors English 10

ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE & COMPOSITION 11
Course Description:
This course concentrates on making the transition from writing at the high school level to writing in the more complex rhetorical situations expected of students at the college or university level. Students will practice writing across a variety of rhetorical aims and in a variety of rhetorical situations, some of which will be collaborative. Students will write within a model of the writing process that includes practice with planning, drafting, and revising strategies. Students will be able to reflect on and make judgments about their own writing and writing processes. Students will be able to read for comprehension, interpretation, and evaluation. Students will be able to conduct primary and secondary research using a variety of methods, to evaluate results, and to integrate research products into their own writing. Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisites and/or Special Requirements: An 80 in Honors English 10 or an 'A' in English 10. *In May, students are administered the AP English Language & Composition exam prepared by the College Board. There is a fee for the exam. Students should inquire about AP credit at the colleges they are interested in attending.

ENGLISH 12
Course Description:
Seniors refine oral and written communication skills through the completion of challenging composition activities as they survey British literature. Students will strengthen thinking and problem-solving abilities, refine editing skills, and write a research paper.
Credit: 1.0
Course Prerequisites and/or Special Requirements: Successful completion of English 11 or AP English Language & Composition

ADVANCED PLACEMENT (AP) ENGLISH LITERATURE 12
Course Description:
This is a college level course which emphasizes essentials of composition and rhetoric along with studies of various literary genres. Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisites and/or Special Requirements: An 80 or higher in AP English Language & Composition * In May, students are administered the AP English Literature exam prepared by the College Board. There is a fee for the exam. Students should inquire about AP credit at the colleges they are interested in attending.

ENGLISH PATHWAY



FOREIGN LANGUAGE

SPANISH I
Course Description:
First year Spanish introduces the student to pronunciation, basic grammar, culture, vocabulary, history, and geography. By the use of online activities and activities in the classroom plus videos, the skills of listening, speaking, reading, and writing are developed.
Credit: 1.0
Course Prerequisites: None

SPANISH II
Course Description:
Spanish II reinforces and expands upon the skills of listening, speaking, writing, and reading. The study of basic grammar, culture, vocabulary, history, and geography is continued.
Credit: 1.0
Course Prerequisites: Successful completion of Spanish I

MATHEMATICS

GEOMETRY WITH DATA ANALYSIS

Course Description:

This is a newly-designed course which builds on the students' experiences in the middle grades. In Geometry with Data Analysis, students incorporate knowledge and skills from several mathematics content areas, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. In the content area of Geometry and Measurement, students build on and deepen prior understanding of transformations, congruence, similarity, and coordinate geometry concepts. Informal explorations of transformations provide a foundation for more formal considerations of congruence and similarity, including development of criteria for triangle congruence and similarity. An emphasis on reasoning and proof throughout the content area promotes exploration, conjecture testing, and informal and formal justification. Students extend their middle school work with conjecturing and creating informal arguments to more formal proofs in this course.

Credit: 1.0

Prerequisite: This is the first of three required courses in high school mathematics.

ALGEBRA I WITH PROBABILITY

Course Description:

Algebra I with Probability is a newly-designed course which builds upon algebraic concepts studied in the middle grades. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. This is one of three courses required for all students. Students can obtain the essential content from this course either by taking the course after completing Geometry with Data Analysis in Grade 9 or by completing the middle school accelerated pathway.

Algebra is one of the most common and malleable types of mathematics, because it is valuable in a range of activities from ordinary decision-making to advanced training in scientific and technological fields. The ability to understand and apply algebraic thinking is a crucial stepping stone on a successful journey in life.

Algebra I with Probability emphasizes functions including linear (as introduced in Grades 7 and 8), absolute value, quadratic, and exponential; and functions as explicit (relation between input and output) and recursive (relation between each point and the next). Properties of algebra are applied to convert between forms of expressions and to solve equations (factoring, completing the square, rules of powers, and radicals).

Graphing is an important component of study in Algebra I with Probability. Graphs of equations and inequalities consist of all points (discrete or continuous) whose ordered pairs satisfy the relationship within the domain and range. Students find points of intersection between two graphed functions that correspond to the solutions of the equations of the two functions, and transform graphs of functions (through translation, reflection, rotation, and dilation) by performing operations on the input or output.

Credit: 1.0

Prerequisite: Successful completion of Geometry of Data Analysis

ALGEBRA II WITH STATISTICS

Course Description:

Algebra II with Statistics is a newly-designed course which builds on the students' experiences in previous mathematics coursework. It is the third of three required courses, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the middle school accelerated sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school.

In Algebra II with Statistics, students incorporate knowledge and skills from several mathematics content areas, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. In the content area of Algebra and Functions, students explore 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 the content area of Data Analysis, Statistics, and Probability, 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.

Credit: 1.0

Prerequisite: Successful completion of Geometry with Data Analysis and Algebra I with Probability

HONORS ALGEBRA II WITH STATISTICS

Course Description:

Algebra II with Statistics is a newly-designed course which builds on the students' experiences in previous mathematics coursework. It is the third of three required courses, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the middle school accelerated sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school.

In Algebra II with Statistics, students incorporate knowledge and skills from several mathematics content areas, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. In the content area of Algebra and Functions, students explore 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 the content area of Data Analysis, Statistics, and Probability, 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. Weighted credit is awarded for this course.

Credit: 1.0

Prerequisite: Successful completion of Geometry with Data Analysis and Algebra I with Probability

MATHEMATICAL MODELING

Course Description:

This is a newly-designed, specialized mathematics course developed to expand on and reinforce the concepts introduced in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics by applying them in the context of mathematical modeling to represent and analyze data and make predictions regarding real-world phenomena. Mathematical Modeling is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and data-based decision-making skills. This course also provides a solid foundation for students who are entering a range of fields involving quantitative reasoning, whether or not they require calculus.

Credit: 1.0

Prerequisite: Successful completion of Algebra II with Statistics

PRECALCULUS

Course Description:

Precalculus is designed for students who intend to pursue a career in science, technology, engineering, or mathematics (STEM) that requires the study of calculus. It prepares students for calculus at the postsecondary level or AP Calculus at the high school level. Students must successfully complete Algebra II with Statistics before enrolling in Precalculus.

Precalculus builds on the study of algebra and functions in Algebra II with Statistics, adding rational functions, all trigonometric functions, and general piecewise-defined functions to the families of functions considered. In addition to focusing on the families of functions studied, Precalculus takes a deeper look at functions as a system, including composition of functions and inverses. Precalculus also expands on the study of trigonometry in previous courses and considers vectors and their operations.

Credit: 1.0

Prerequisite: Successful completion of Algebra II with Statistics

ADVANCED PLACEMENT (AP) CALCULUS

Course Description:

AP Calculus is a yearlong college-level mathematics that provides a more in-depth treatment of differential calculus while introducing several higher-level topics. Riemann sums, interpretations and properties of definite integrals, applications of integrals, the Fundamental Theorem of Calculus, techniques of antidifferentiation with applications, and numerical approximations to define integrals are all included in the topical outline. Problem-solving involving real-world applications is integrated into all topics of this course. Students will take the Advanced Placement Calculus Exam given by the College Board in May. Students' exam scores are sent to the colleges of their choice, which then may grant credit, advanced placement, or both, depending on institutional policies. Weighted credit is awarded for this course.

Credit: 1.0

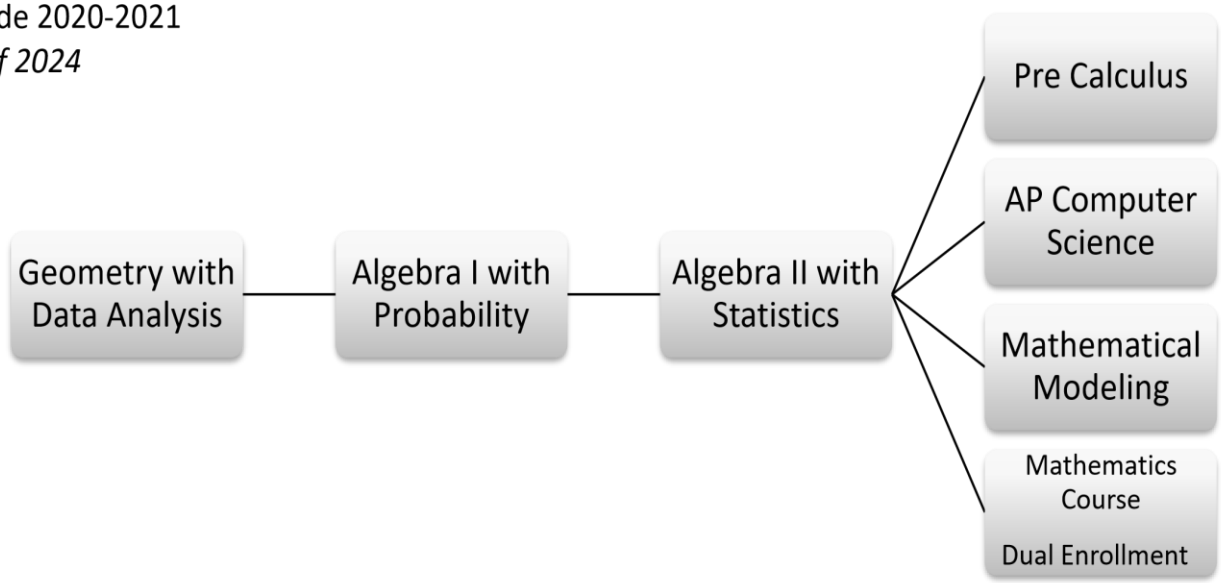
Course Prerequisite: Successful completion on Precalculus

Special Requirements: * In May, students are administered the AP Calculus exam prepared by the College Board. There is a fee for the exam. Students should inquire about AP credit at the colleges they are interested in attending.

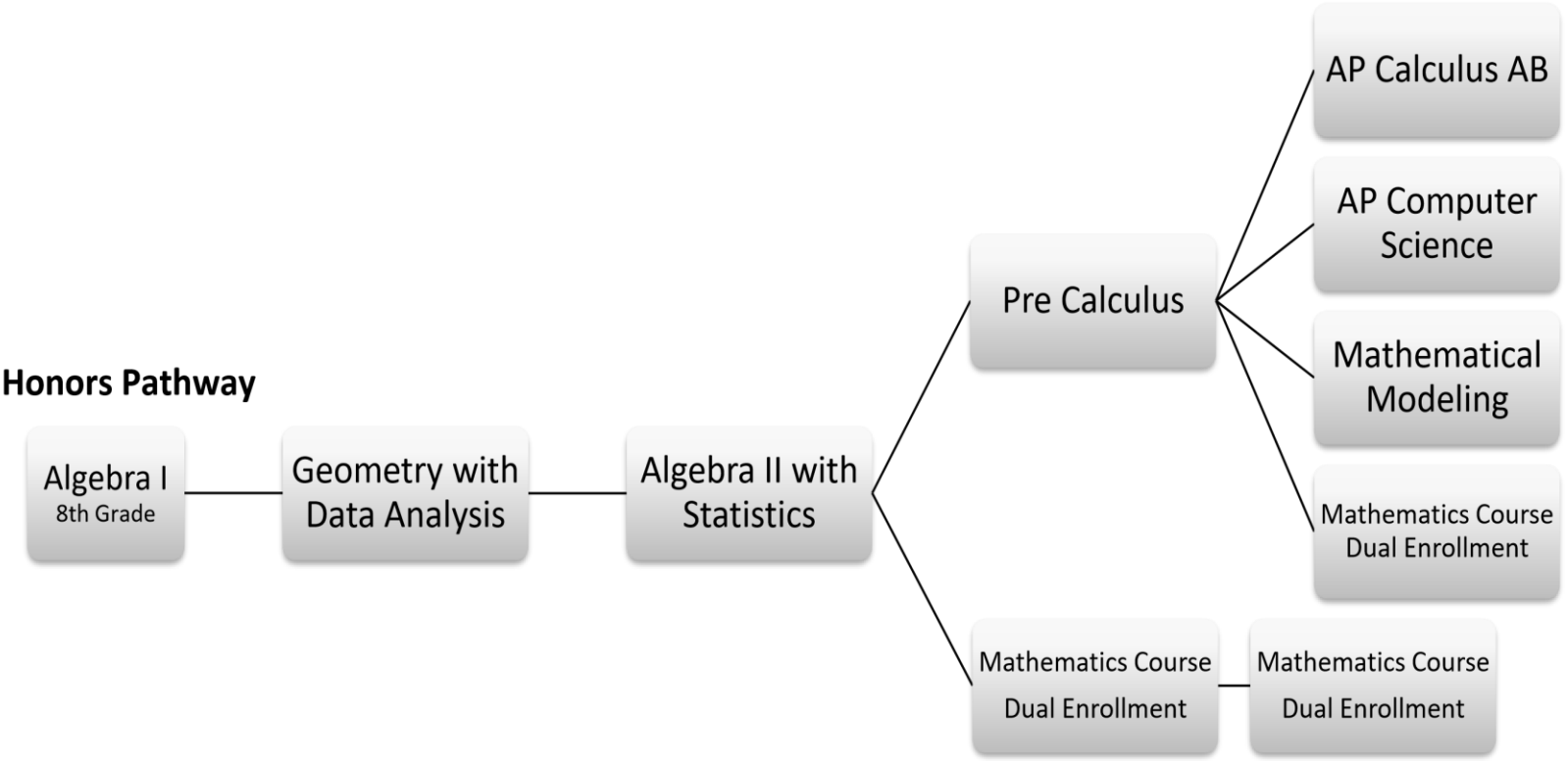
MATHEMATICS

9th Grade 2020-2021

Class of 2024



Honors Pathway



SCIENCE

BIOLOGY
Course Description:
This course focuses on the use of biological concepts with emphasis on the interaction of organisms and the environment, the study of cells and genetics, and the process of organismal change.
Credit: 1.0
Course Prerequisites: Successful completion of an 8th grade science course
Special Requirements: There is a fee for this course.

HONORS AP BIOLOGY
Course Description:
Honors Biology is the study of living organisms, their origins, how they survive, reproduce, change over time, and interact with each other and their environments. The primary objective of the course is to provide students with a fundamental understanding of modern biology and scientific processes, building a foundation for success in the college level AP courses to follow. Course material is roughly divided as follows: 35% molecules and cells, 35% evolution and genetics, and 30% organisms and populations. Nature of science will be taught throughout the year. Honors Biology is recommended for high-achieving students and for students who have a particular interest in biology and the natural sciences, including students who are traditionally underrepresented in AP courses. Students will be ultimately responsible for their learning; therefore, they should be organized, prepared, and motivated to learn every day. The Honors Biology curriculum differs from the regular Biology curriculum in meaningful ways. The Honors course places a higher priority on developing critical thinking skills by examining real world problems. The Honors curriculum examines topics with more depth and includes more advanced resource material in addition to the adopted text. Laboratory investigations play a more prominent role in the Honors course. Labs are more sophisticated than in the regular curriculum and students are expected to design and carry out experiments using appropriate methods and resources. Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisite: Successful completion of Algebra I in 8th Grade and currently enrolled in the 9th grade.
Special Requirements: There is a fee for this course.

PHYSICAL SCIENCE
Course Description:
This is an introductory survey course of concepts taught in chemistry and physics. These concepts give students the opportunity to develop an appreciation and understanding of the forms of matter and energy that make up the physical universe.
Credit: 1.0
Course Prerequisites: Successful completion of Biology or Honors Biology
Special Requirements: There is a fee for this course.

CHEMISTRY

Course Description:

This course focuses on providing a fundamental understanding of chemistry concepts associated with structure, forms, changes, availability, and uses of matter. It is designed for the student who wishes to gain a more scientific background in preparation for college, and it relies heavily on problem solving skills and math skills.

Credit: 1.0

Course Prerequisites: Successful completion of Biology and successful completion or concurrent enrollment in Algebra II with Statistics

Special Requirements: There is a fee for this course.

HONORS CHEMISTRY

Course Description:

Honors Chemistry is designed to prepare students to take AP Chemistry. It is intended primarily for students who are likely to pursue some science-related field of study in college. A more "in depth" and quantitative approach will be taken in the same topics covered in the Chemistry course. The Honors Chemistry course will cover approximately 25% of the AP Chemistry curriculum including scientific method, atomic theory, stoichiometry, reaction types and the first law of thermodynamics. In addition, lab safety and laboratory techniques will be emphasized with college level labs that reinforce the material being covered in class. The students selecting this course should have a higher-than-average ability in mathematics. It exposes the students to the type of expectations and activities required by the AP program, thereby laying the foundation for success not only in the AP Chemistry program but also ultimately in college course work. Weighted credit is awarded for this course.

Credit: 1.0

Course Prerequisites: Successful completion of Honors Biology or Biology with at least an 80 average and successful completion or concurrent enrollment in Algebra II with Statistics.

Special Requirements: There is a fee for this course.

ADVANCED PLACEMENT (AP) CHEMISTRY

Course Description:

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. AP Chemistry students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems contributing to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. the textbook, topics covered, the emphasis on chemical calculations and the mathematic formulation of principles, and the type of laboratory work will be at the first-year college level. Quantitative differences appear in the number of topics learned, the time spent on the course by the students, and the nature and variety of experiments done in the laboratory. Keeping emphasis on content of general chemistry courses, topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, organic chemistry, and the basic concepts of thermodynamics are presented in considerable depth. Weighted credit is awarded for this course.

Credit: 1.0

Course Prerequisites: AP Chemistry is designed to be taken only after the successful completion of Honors Chemistry and Algebra II with Statistics and with at least an 80 average in each course.

Special Requirements: * In May, students are administered the AP Chemistry exam prepared by the College Board. There is a fee for the exam. Students should inquire about AP credit at the colleges they are interested in attending.

ADVANCED PLACEMENT (AP) BIOLOGY

Course Description:

This is an introductory college course in biology. Content areas of the course include molecules and cells, heredity and evolution, and organisms and populations. A minimum of twelve AP Biology laboratory investigations are included in the course. Weighted credit is awarded for this course.

Credit: 1.0

Course Prerequisites: The course prerequisites for AP Biology are: an 80 average in both Honors Biology and Honors Chemistry (or Chemistry) or an "A" average in both Biology and Chemistry with teacher recommendation and administrative approval.

PHYSICS

Course Description:

Physics is the branch of science that addresses the properties of physical quantities and their relationships. The course consists of studies of motion, force, energy, heat, electricity, and magnetism. As a result of taking physics, students can predict outcomes and solve practical problems related to everyday situations. Students interested in the field of engineering, medicine, and law are encouraged to take physics due to the strong emphasis on problem solving and critical thinking skills. Experiments will constitute much of the course and will encourage students to think creatively as well.

Credit: 1.0

Course Prerequisites: Successful completion of Biology, Chemistry, and Algebra II with Statistics and a "B" average in each course.

Special Requirements: There is a fee for this course. Physics is a mathematical study of the world around us; therefore, strong math skills are necessary for this course.

ENVIRONMENTAL SCIENCE

Course Description:

This elective course introduces students to a broad view of the biosphere and the physical parameters that affect it. Students study a variety of topics including energy resources, environmental quality, and human practices and their effect on the environment. This course is designed to challenge students in a non-traditional classroom. emphasis is placed on cooperative learning, independent study, research, and long-term projects. Techniques used include role-playing, simulation games, dilemmas, field collection of data, and debates. Assessment of learning is based on completion of projects, oral presentations, independent research, and group connections.

Credit: 1.0

Course Prerequisites: Successful completion of Biology and a Physical Science.

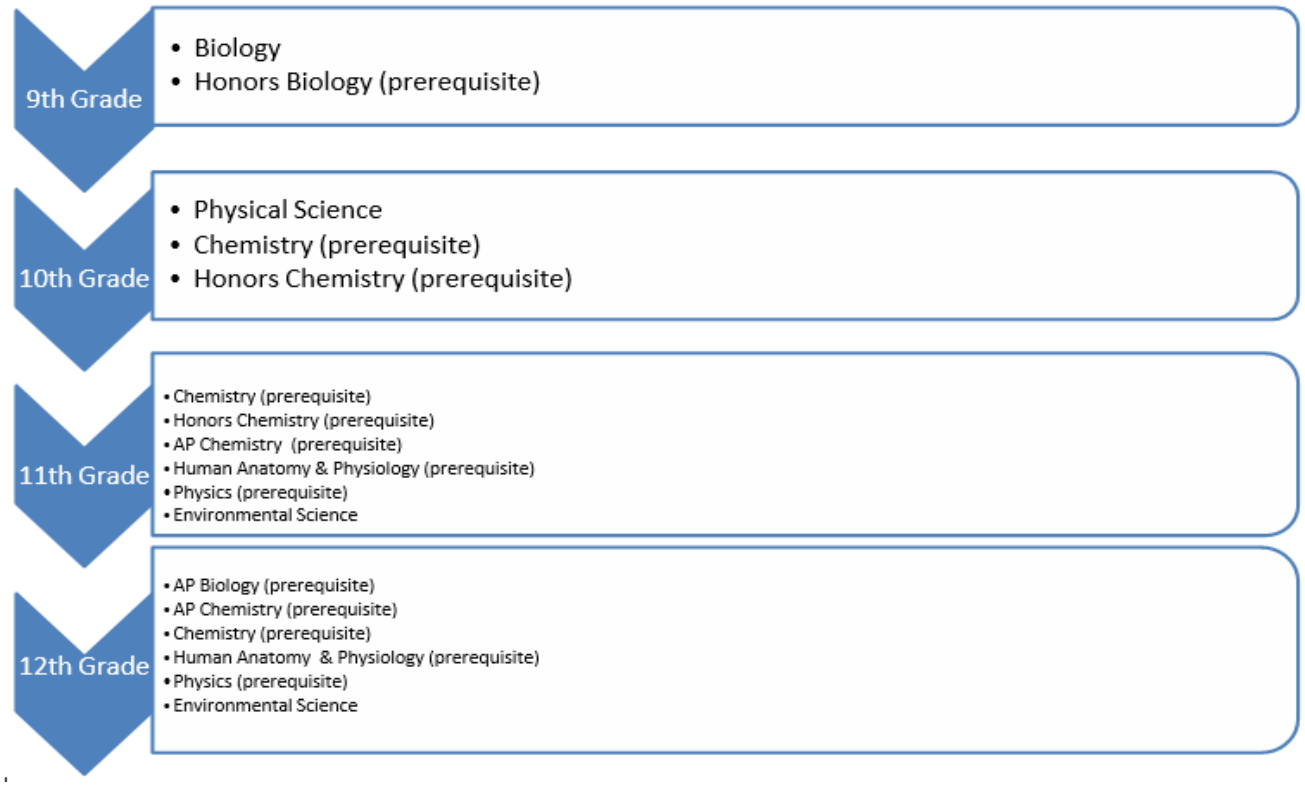
Special Requirements: There is a fee for this course.

HUMAN ANATOMY & PHYSIOLOGY

Course Description:

This elective is a high-level biology course with major emphasis on human anatomy and physiology. Laboratory activities and dissection are an integral part of this course. This course is strongly recommended for any student interested in a career in nursing, health sciences, or medicine.
Credit: 1.0
Course Prerequisites: Successful completion of Biology and a Physical Science.
Special Requirements: There is a fee for this course.

SCIENCE PATHWAY



*Please be aware transfer students may have a different science sequence or different science courses than the ones shown.
Students are required to have a physical science (physical science, physics or chemistry), biology and 2 other science courses.

SOCIAL STUDIES

WORLD HISTORY
Course Description:
The course directs students to think critically about the forces that combined to shape the world today. It allows them to analyze development and changes in the European, Asian, African, and American civilizations from 1500 to present and ways in which interactions of these cultures have influenced the formation of today's world. Knowledge of other cultures enables students to develop a better appreciation for the unique American heritage of liberty. 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.
Credit: 1.0
Course Prerequisites: None
Special Requirements: None

HONORS WORLD HISTORY
Course Description:
This course explores the same topics as World History, but has a stronger emphasis on critical thinking and examination of historical texts. The additional workload will include more reading and writing assignments. Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisite: Successful completion of 8th grade History with at least an 80 average
Special Requirements: None

HONORS UNITED STATES HISTORY I
Course Description:
Pre AP US History I is a challenging survey of American History from the age of exploration and discovery to the Reconstruction Period. This course strongly emphasizes critical and evaluative thinking skills, essay writing, interpretation of original documents, and historiography. Students will look at some of the questions that historians still debate and present their own thoughts and opinions by completing research on the selected topic. Course objectives will include the following:
• Master a broad body of historical knowledge
• Demonstrate an understanding of historical chronology
• Use historical data to support an argument or position
• Interpret and apply data from original documents, graphs, cartoons, and letters, etc.
Weighted credit is awarded for this course.
Credit: 1.0
Course Prerequisite: Successful completion of World History with at least an overall 80 average
Special Requirements: None

UNITED STATES HISTORY I

Course Description:

The study of the early history of the United States forms the foundation for understanding the development and principles of modern American society. Beginning with the earliest explorations of American continents, this course offers a chronological study of major events, issues, movements, individuals, and diverse groups of people in the United States from a national and an Alabama perspective. In addition to gaining essential knowledge regarding this period of our nation's past, students develop historical thinking skills, which include chronological thinking, historical comprehension, historical analysis and interpretation, historical research, and analysis and decision making.

Credit: 1.0

Course Prerequisites: Successful Completion of World History

Special Requirements: None

UNITED STATES HISTORY II

Course Description:

This course builds upon the foundation of knowledge and skills gained in the United States History I curriculum by providing a study of the modern history of the United States that expands students' understanding of the principles of American society. Beginning with America's shift to a more industrialized society, this course offers a chronological study through the twenty-first century of major events, issues, movements, individuals, and diverse groups of people in the United States from a national and an Alabama perspective. In addition to learning essential knowledge regarding this period in America's past, students develop historical thinking skills, including chronological thinking, historical comprehension, historical analysis and interpretation, historical research, analysis and decision making.

Credit: 1.0

Course Prerequisites: Successful completion of US History I or Honors US History I

Special Requirements: None

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY

Course Description:

This course is a rigorous study of the history of the United States from 1492 to the present. The course is designed to meet state requirements as outlined in the Alabama Course of Study as well as prepare students for the Advanced Placement Examination. Students in AP U. S. History will receive instruction in analyzing primary and secondary sources and in thinking critically about historical problems. Weighted credit is awarded for this course.

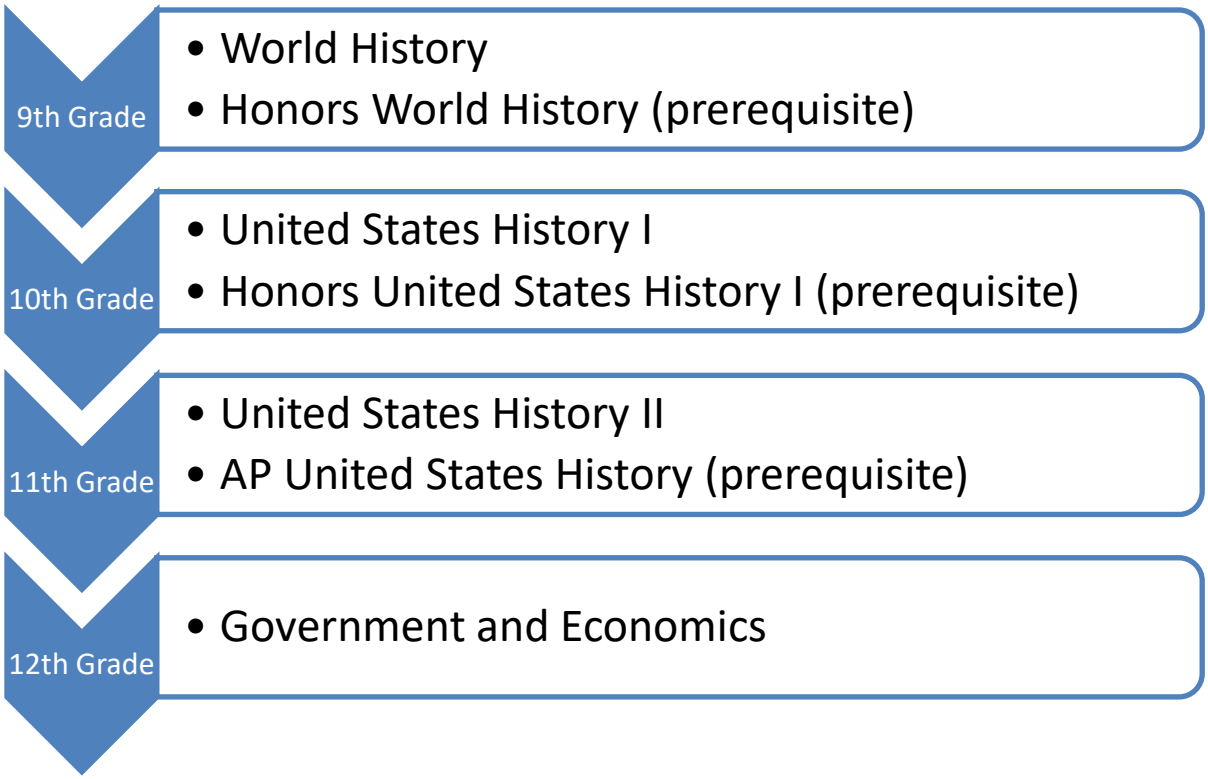
Credit: 1.0

Course Prerequisites and/or Special Requirements: An 80 in U. S. History I or at least an 80 average with teacher recommendation. *In May, students are administered the AP U.S. History Exam prepared by the College Board. There is a fee for the exam. Students should inquire about AP credit at the colleges they are interested in attending. Students should be prepared to devote a large amount of time outside the classroom. This course is content-rich; therefore, students are responsible for lengthy reading assignments. Additionally, specific skills in historical writing and document analysis are taught in order to prepare students for the AP Examination. There is a course fee.

UNITED STATES GOVERNMENT
Course Description:
American Government embraces the study of institutions, people, processes, policies, and powers at the national, state, and local levels. Substantial emphasis is placed on the U. S. Constitution and on the structure and operations of the national government.
Credit: 0.5
Course Prerequisite: Successful completion of US History II or AP US History
Special Requirements: None

ECONOMICS
Course Description:
This course emphasizes traditional economic concepts such as supply and demand, competition and business organizations, identifying the various types of economic systems throughout the world, and our government's role in the economy. Personal economics such as budgeting, credit cards, and monitoring the stock market is another phase of this course. In addition, hands on computer simulations allow students the opportunity to manage their own business in a closed market. This course emphasizes participation in activities, writing reports, constructing charts and graphs, and creating a multi-person monthly budget.
Credit: 0.5
Course Prerequisites: Successful completion of US History II or AP US History
Special Requirement: None

SOCIAL STUDIES PATHWAY



SPECIAL EDUCATION

ENGLISH ESSENTIALS 9
Course Description:
This course develops functional content standards necessary for achieving reading, writing, and language competency in the workplace and in community life as specified by the student's individual education Plan (IEP). It provides a foundation for the development of various skills which are essential to the student's success. This course focuses on gaining basic knowledge in the areas of reading, writing, speaking, and listening that will lead to successful transition for community and work environments. Skills taught address the areas of following directions, listening, communication, vocabulary development, comprehension, writing, and language usage.
Credit: 1.0
Course Prerequisites: None
Special Requirements: Student must be eligible for special education services.

ENGLISH ESSENTIALS 10
Course Description:
This course continues the development of functional content standards necessary for achieving reading, writing, and language competency in the workplace and in community life as specified by the student's Individual Education Plan (IEP). It expands and builds on the foundation skills which are used to begin the practical application through school- based work instruction and community experiences. Student understanding is monitored and assessed regularly to ensure successful advancement to the next level.
Credit: 1.0
Course Prerequisites: Successful completion of English Essentials 9
Special Requirements: Student must be eligible for Special Education Services.

ENGLISH ESSENTIALS 11
Course Description:
This course strengthens functional content standards necessary for achieving reading, writing, and language competency in the workplace and in community life as specified by the student's individual education Plan (IEP). Students exhibit increased knowledge of reading, writing, and language usage through interaction within the school, community, and work settings student performance is monitored and documented frequently to ensure success.
Credit: 1.0
Course Prerequisites: Successful completion of English Essentials 10
Special Requirements: Student must be eligible for Special Education Services

ENGLISH ESSENTIALS 12
Course Description:
This course strengthens on-the-job functional content standards necessary for achieving reading, writing, and language competency in the workplace and in community life. It allows students the opportunity to demonstrate previously taught skills and to acquire increased proficiency through practice in specific work settings. Assistance is given in seeking, securing, and maintaining competitive

employment. Students demonstrate learned skills as they successfully make the transition from school to community and competitive employment.
Credit: 1.0
Course Prerequisites: Successful completion of English Essentials 11
Special Requirements: Student must be eligible for Special Education Services.

ALGEBRAIC ESSENTIALS A
Course Description:
This course provides students with foundational skills identified in the first half of the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.
Credit: 1.0
Course Prerequisites: None
Special Requirements: Student must be eligible for Special Education Services.

ALGEBRAIC ESSENTIALS B
Course Description:
This course provides students with foundational skills identified in the second half of the general education Algebra I course. The course includes essential concepts to equip students with the algebra skills necessary for employment and independent living.
Credit: 1.0
Course Prerequisites: Successful completion of Algebraic Essentials A
Special Requirements: Student must be eligible for Special Education Services.

GEOMETRY ESSENTIALS A
Course Description:
This course provides students with foundational skills identified in the first half of the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living.
Credit: 1.0
Course Prerequisites: Successful completion of Algebraic Essentials B
Special Requirements: Student must be eligible for Special Education Services

GEOMETRY ESSENTIALS B
Course Description:
This course provides students with foundational skills identified in the second half of the general education Geometry course. The course includes essential concepts to equip students with the geometry skills necessary for employment and independent living skills.
Credit: 1.0
Course Prerequisites: Successful completion of Geometry Essentials A
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS: ALGEBRA WITH FINANCE
Course Description:

The Curriculum Guide to the Standards: Algebra with Finance contains the course content for students following the Essentials pathway. This course integrates foundational algebra, probability and statistics, and geometry to solve financial problems that occur in everyday life. These skills are identified in the general education Algebra with Finance course. 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.
Credit: 1.0
Course Prerequisites: Successful completion of Geometry Essentials
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS: BIOLOGY
Course Description:
This course is designed to provide students with a practical knowledge of biology including scientific process and application skills, cell processes, cell theory, photosynthesis and cellular respiration, genetics, classification, plants, animals, ecology, and biogeochemical cycles.
Credit: 1.0
Course Prerequisites: Successful completion of 8th Grade Science
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS: PHYSICAL SCIENCE
Course Description:
This course is designed to provide students with a practical knowledge of physical science including scientific process and application skills; the periodic table; solutions; bonding; chemical formulas; physical and chemical changes; gravitational; electromagnetic, and nuclear forces; motion; energy; energy transformation; electricity and magnetism; nuclear science; and metric units.
Credit: 1.0
Course Prerequisites: Successful completion of Essentials: Biology
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS: ENVIRONMENTAL SCIENCE
Course Description:
This course is designed to provide students with a practical knowledge of environmental science including scientific process and application skills, natural and human impact on the environment, carrying capacity, renewable and nonrenewable energy resources, properties and importance of water, land use practices, and composition and erosion of soil.
Credit: 1.0
Course Prerequisites: Successful completion of Essentials: Biology and Essentials: Physical Science
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS: HUMAN ANATOMY & PHYSIOLOGY
Course Description:
This course is designed to provide students with a practical knowledge of Human Anatomy and Physiology including scientific process and application skills; anatomical terminology; structure and function of cells, tissues, and body systems; biochemistry; system regulation and integration.

Credit: 1.0
Course Prerequisite: Successful completion of Essentials: Biology and Essentials: Physical Science
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS I: WORLD HISTORY
Course Description:
This course is a study of World History from 1500 to the present. Students are able to apply and utilize their knowledge to develop informed opinions about issues such as the quest for peace, human right, trade, global ecology, and the impact each has on everyday life situations.
Credit: 1.0
Course Prerequisites: Successful completion of 8th grade History.
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS II: UNITED STATES HISTORY I
Course Description:
This course follows chronological study of major events, issues, movements, leaders, and groups of people of the United States through reconstruction from a national and Alabama perspective.
Credit: 1.0
Course Prerequisites: Successful completion of Essentials I World History.
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS III: UNITED STATES HISTORY II
Course Description:
This course begins with post-reconstruction United States and its shift into a more industrialized society and continues through the twentieth century to the present.
Credit: 1.0
Course Prerequisites: Successful completion of Essentials II: United States History I
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS IV: ECONOMICS
Course Description:
This is a one-semester course that focuses on the functions and institutions of modern-day economic systems and theory. Students gain skills that will enable them to anticipate changes in economic conditions and how to adjust to the changes to improve their lives and their communities.
Credit: 0.5
Course Prerequisites: Successful completion of Essentials III: U.S. History II
Special Requirements: Student must be eligible for Special Education Services.

ESSENTIALS IV: UNITED STATES GOVERNMENT
Course Description:
This is a one-semester course that focuses on the origins, structure, and functions of government at all levels. It also includes a detailed study of the Constitution of the United States and its provisions.
Credit: 0.5
Course Prerequisites: Successful completion of Essentials III: U.S. History II

Special Requirements: Student must be eligible for Special Education Services.

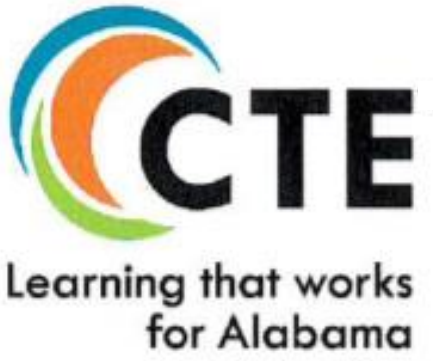
FUNDAMENTAL STUDY SKILLS
Course Description:
This elective course is designed to help students develop good study and time management skills. reinforcement of structure language skills is provided. Students also receive help with homework and assignments in order to be successful in inclusive classes.
Credit: 1.0
Course Prerequisites: None
Special Requirements: Students must be eligible for Special Education Services.

TRANSITION SERVICES II
Course Description:
This course will provide additional transitional services preparation for students to become self-advocates, participate in post- secondary education and/or training to gain meaningful employment, and support community participation as they plan for life after high school.
Credit: 1.0
Course Prerequisites: Must be pursuing the Essentials Pathway of the Alabama High School Diploma.
Special Requirements: Student must be eligible for Special Education Services

COOPERATIVE EDUCATION SEMINAR
Course Description:
Students in the twelfth grade who have completed prerequisites and who desire competitive employment are placed in jobs early in the school year. Each student must document 270 hours per year of successful paid employment while enrolled in this course. release time is given for students to participate in work experiences for credit. one credit in each of the non-elective subject areas of English, math, science, and social studies will be earned in conjunction with this course, as well as attending a related study class as part of the cooperative education program. Students will work with the Career Technical Education teacher and/or Cooperative Education coordinator and job coach for the purpose of refining work skills, habits, behaviors on the job, and advocacy training. Additionally, an overview of employment law, guidelines, and work situational problem solving will be covered.
Credit: 1.0
Course Prerequisites: None
Special Requirements: Student should be enrolled in 12^{th} grade.

CAREER TECHNOLOGY

Alabama's Career and Technical Education curriculum empowers students with the work-readiness skills necessary for success in the twenty-first century. Career empowered students are productive citizens who are prepared with the knowledge and skills for postsecondary education or for employment. The career and technical education classroom provides an opportunity for all students to combine academics with other high-caliber learning experiences. Programs are designed to keep abreast of the rapid changes in business and industry by offering students a rigorous array of course work to help prepare them for advanced learning and a wide range of career opportunities. Rigor in the course of study is derived from two primary sources—academic and industry-specific workplace knowledge and skills. Alabama's growing economy has created the demand for an increased number of quality employees. The Career and Technical Education program equips students with the life skills and knowledge necessary to meet this and other demands by preparing them for lifelong learning.



CAREER PREPAREDNESS
Course Description:
The Career Preparedness course 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 to ways to manage personal finances and reduce personal risk. The area of technology is designed to be interwoven throughout course instruction. 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. As part of preparing students to be college- and career-ready, this course also equips them with the skills needed for business and industry, continuing education, and lifelong learning. Acquisition of these skills is achieved by incorporating content and strategies that can easily allow students to meet the required 20-hour online experience.
Credit: 1.0
Course Prerequisites: None
Special Requirements: The course is an Alabama High School graduation requirement.

AGRISCIENCE

FUNDAMENTALS OF AGRISCIENCE
Course Description:
Agriscience is a one credit course that provides students with a fundamental overview of the Agriculture, Food, and Natural Resources cluster. The emphasis for this course 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. The course is prerequisite for the other courses in the program.
Credit: 1.0
Course Prerequisites: None
Special Requirements: There is a fee for lab experiences.

AGRICULTURAL ENGINES
Course Description:
Agricultural Engines is a 1/2 credit course which is designed to prepare students for entry-level employment or advanced training in the agricultural industrial technologies field. Topics include tools, four-stroke engines, two-stroke engines, cooling systems, preventive maintenance, engine overhaul, exhaust systems, and engine repair estimation.
Credit: 0.5
Course Prerequisites: Fundamentals of Agriscience is the prerequisite for this course.
Special Requirements: There is a fee for lab experiences.

AGRICULTURAL WELDING PROCESSES 1
Course Description:

This is a 1/2 credit which provides students with opportunities to become familiar with basic safety and technical information in metal fabrication and to participate in hands-on activities in the laboratory. Topics include tools and equipment, metal preparation, metal cutting, weld quality, and shielded metal arc welding (SMAW).
Credit: 0.5
Course Prerequisites: Fundamentals of Agriscience is the prerequisite for this course.
Special Requirements: There is a fee for lab experiences.

INTRODUCTION TO AGRICULTURAL CONSTRUCTION
Course Description:
This is a one credit course which provides students with an overview of framing and building a structure. Topics include lumber, metal, material estimation, floor systems, framing systems (ceiling, wall, roof), and roofing materials for various structures
Credit: 1.0
Course Prerequisites: Fundamentals of Agriscience is the prerequisite for this course.
Special Requirements: There is a fee for lab experiences.

APPLIED AGRICULTURAL MECHANICS
Course Description:
Applied Agricultural Mechanics is a one-credit course that provides students with an advanced understanding of the Agriculture, Food and Natural Resources cluster, which contains five pathways—Power, Structure, and Technical Systems; Environmental and Natural Resources Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Students are involved in classroom and laboratory activities in each of the five pathway areas. The emphasis for Applied Agricultural Mechanics is metal fabrication and power mechanics. The curriculum will provide opportunities for credentials utilizing resources from NCCER.
Credit: 1.0
Prerequisite: Successful completion of Agriscience
Special Requirements: There is a fee for lab experiences.

AGRICULTURAL COMMUNICATION
A one-credit course designed to enable students to effectively communicate in agribusiness settings. Emphasis is placed on conflict resolution, time management, and supervised agricultural experience programs. Career and technical student organizations are integral, co-curricular components of each career and technical education course.
Credit: 1.0
Prerequisite: Teacher approval required.
Special Requirements: There is a fee for lab experiences.

AGRICULTURAL TECHNOLOGY
Course Description:
A one-credit course designed to facilitate students' success in careers in agribusiness technology or to help them be more successful in any agricultural field. This course provides students with opportunities to acquire knowledge and skills related to agribusiness technology in the workplace.

Credit: 1.0
Prerequisite: Teacher approval required.
Special Requirements: There is a fee for lab experiences.

LANDSCAPE DESIGN AND MANAGEMENT
Course Description:
The Landscape Design and Management course allows students to become more knowledgeable about and appreciative of landscape design and management. Topics include career opportunities, safety, landscape design, plant selection, landscape growth and the environment, landscape establishment and management, interior plant scaping and xeriscaping, landscape business management, and technology.
Credit: 1.0
Prerequisite: None
Special Requirements: There is fee for lab experiences.

FISH AND WILDLIFE MANAGEMENT
Course Description:
Fish and Wildlife Management is a course that provides students with the opportunity to gain knowledge regarding the management of natural resources. Topics included in the course are career opportunities, outdoor safety, history, issues, classification, fish and wildlife ecology, fish and wildlife management, endangered species, fish and wildlife pest management, and outdoor recreation. Upon successful completion of the Alabama Hunter Safety Education course within this curriculum, each student will be given the opportunity to earn the State of Alabama Hunter Safety Education Certification. There is no cost for taking this exam through the Fish and Wildlife class.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee for lab experiences.

FORESTRY
Course Description:
Forestry is a course designed to enable students to become knowledgeable of forestry and wood technology. Students acquire an appreciation for increased emphasis on managing and conserving forests for the future. Topics include career opportunities, safety, history, dendrology, tree measurement, mapping, silviculture, forest products, and forest protection. Upon successful completion of the Forestry curriculum, each student will be given the opportunity to earn the following: CRI (Career Readiness Indicator), "Forestry Worker Certification" sponsored by the Alabama Forestry Association/ Alabama Forestry Commission.
Credit: 1.0
Prerequisite: Successful completion of Fish & Wildlife Management
Special Requirements: There is a fee for lab experiences.

ENVIRONMENTAL MANAGEMENT
Course Description:
Environmental Management is a one-credit course that provides students with the opportunity to

develop an understanding of the principles and practices of environmental management. Topics include career opportunities, safety, importance of natural resources, waste management, water quality, soil science, air quality, pesticide management and use, ecology, and energy conservation. Upon successful completion of the Environmental Management curriculum, each student will be given the opportunity to earn the following: CRI(Career Readiness indicator), "Urban Forestry Certification, sponsored by the GIW, Green Industry Web of Alabama.
Credit: 1.0
Prerequisite: Successful completion of Forestry
Special Requirements: There is a fee for lab experiences.

ELECTRONICS

FOUNDATIONS OF ENGINEERING
Course Description:
Foundations of Engineering is a one-credit course designed to offer students an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematics principles used in problem solving through the engineering design process.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee for lab experiences.

INTRO TO ROBOTICS
Course Description:
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.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee for lab experiences.

ROBOTIC APPLICATIONS
Course Description:
This one-credit course is designed to provide students with the fundamental knowledge and skills of robotics. Emphasis is placed on the applications of a variety of robotic systems. Upon successful completion of this course, students construct a robotic system with peripheral devices.
Credit: 1.0
Prerequisite: Successful completion of Intro to Robotics
Special Requirements: There is a fee for lab experiences.

CTE Lab in STEM
Course Description:

This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within STEM 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.
Credit: 1.0
Prerequisite: Successful completion of Intro to Robotics and approval of the teacher
Special Requirements: There is a fee for lab experiences.

FAMILY AND CONSUMER SCIENCE

FAMILY AND CONSUMER SCIENCES

Course Description:
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.
Credit: 1.0
Prerequisite: NONE
Special Requirements: There is a fee for this course.

FOOD AND NUTRITION
Course Description:
Food and nutrition is a one-credit course that exposes students to the fundamentals needed to make effective decisions regarding nutrition and wellness for life. topics include the impact of daily nutrition and wellness practices on long-term health and wellness; physical, social, and psychological aspects of healthy nutrition and wellness choices; selection and preparation of nutritious meals and snacks based on united States department of Agriculture (USDA) dietary Guidelines and Food Guide Pyramid; safety, sanitation, storage, and recycling processes and issues associated with nutrition and wellness; impacts of science and technology on nutrition and wellness issues; and nutrition and wellness career paths. FCCLA is an integral, co-curricular component of this course
Credit: 1.0
Prerequisite: Successful completion of Family and Consumer Science
Special Requirements: There is a fee for this course.

EVENT PLANNING
Course Description:
A one credit course where 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. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principals. Students are prepared for various career opportunities in event planning.
Credit: 1.0
Prerequisite: Successful completion of Food and Nutrition
Special Requirements: There is a fee for this course.

SENIOR INTERN CAREER PROJECT
Course Description:
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.
Credit: 1.0
Prerequisite: Approval of the teacher.
Special Requirements: There is a fee for this course.

COMMERCE & INFORMATION TECHNOLOGY

BUSINESS ESSENTIALS
Course Description:
A one-credit foundation course where students develop an understanding of how academic skills in mathematics, economics, and written and oral communications are integral components of success in commerce and information technology careers.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee for lab experiences.

ENTREPRENEURSHIP
Course Description:
Entrepreneurship is a one credit course designed to provide students with the skills needed to effectively organize, develop, create, and manage a business. This course includes business management and entrepreneurship, communication and interpersonal skills, economics, and professional development foundations.
Credit: 1.0
Course Prerequisites: Management Principles is a prerequisite for this course.

MANAGEMENT PRINCIPLES
Course Description:
A one-credit course designed to provide students with an understanding of the organizational functions of businesses, including quality concepts, project management, and problem solving. Topics include analyzing functions of management, examining leadership styles, and reviewing organizational structures
Credit: 1.0

Prerequisite: Successful completion of Business Essentials.
Special Requirements: There is a fee for this course.

MARKETING PRINCIPLES
Course Description:
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.
Credit: 1.0
Prerequisite: Successful completion of Business Essentials.
Special Requirements: There is a fee for this course.

WEA – WILDCAT ENTREPRENEUR ACADEMY
Course Description:
The Wildcat Entrepreneur Academy (WEA!) is a year-long program that teaches middle and high school students how to start and run their own REAL businesses. The program is a partnership between the Alexander City Chamber of Commerce and Benjamin Russell High School with the WEA curriculum being incorporated into the regular class schedule at BRHS. WEA! guides high school students through the process of starting and running a legitimate business over the course of a full academic year.
Credit: 1.0
Prerequisite: Successful completion of Business Essentials.
Special Requirements: There is no fee for this course.

BUYING AND MERCHANDISING
Course Description:
Buying and Merchandising is a one-credit course which focuses on the development of decision-making skills necessary to determine what to buy, when to buy, how much to buy, and from whom to buy products for resale. Students will develop a product mix and apply display and visual merchandising techniques. Students will also implement sales support activities, process sales, track products, and plan merchandise flow. Students will establish and grow positive customer relationships. Technology, employability skills, leadership and communications will be incorporated in classroom activities.
Credit: 1.0
Prerequisite: Successful completion of Business Essentials.
Special Requirements: There is a fee for this course.

CTE Lab in BUSINESS MANAGEMENT & ADMINISTRATION
Course Description:
This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Business Management & Administration 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.

Credit: 1.0
Prerequisite: Completion of Business Essentials and one additional Business course
Special Requirements: There is no fee for this course.

IT FUNDAMENTALS
Course Description:
A one-credit course that introduces students to the knowledge base and technical skills for information technology careers. Students study the nature of business and demonstrate knowledge of the functions of information systems in business.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee for this course.

EXPLORING COMPUTER SCIENCE
Course Description:
Exploring Computer Science is an introductory year-long high school computer science course 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.
Credit: 1.0
Prerequisite: Completion of IT Fundamentals. It is also recommended that students have completed Algebra I prior to enrolling or be concurrently enrolled in Algebra I with Probability.
Special Requirements: There is a fee for this course.

AP COMPUTER SCIENCE PRINCIPLES
Course Description:
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 will take the Advanced Placement Computer Science Principles Exam given by the College Board in May. Students' exam scores are sent to the colleges of their choice, which then may grant credit, advanced placement, or both, depending on institutional policies. Weighted credit is awarded for this course. *AP Computer Science Principles may also count as a student's 4th math credit.*
Credit: 1.0
Prerequisite: It is recommended that students have successfully completed Exploring Computer Science.

Special Requirements: There is a fee for this course. * In May, students are administered the AP Computer Science Principles exam prepared by the College Board. There is a fee for the exam. Students should inquire about AP credit at the colleges they are interested in attending.

INFORMATION TECHNOLOGY SUPPORT AND SERVICES
Course Description:
A one-credit course designed to provide students with knowledge of computer hardware, operating systems, and computer software applications. This course provides students with additional skills necessary to effectively plan, develop, and administer both a local area network (LAN) and a wide area network (WAN).
Credit: 1.0
Prerequisite: Completion of IT Fundamentals.
Special Requirements: There is a fee for this course.

CTE LAB IN INFORMATION TECHNOLOGY
Course Description:
This one-credit course is an extended laboratory experience to address the advancement and specialization of careers within Information Technology 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.
Credit: 1.0
Prerequisite: Completion of Exploring Computer Science or Information Technology Support and Services.
Special Requirements: There is no fee.

HEALTH SCIENCE

FOUNDATIONS OF HEALTH SCIENCE
Course Description:
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.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee for lab experiences.

THERAPEUTIC SERVICES
Course Description:
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.
Credit: 1.0

Prerequisite: Successful completion of Foundations of Health Science
Special Requirements: There is a fee for lab experiences.

NURSE AID TRAINING PART 1 AND PART 2
Course Description:
Nurse Aide Training is a two-credit course. Students pursue skill mastery in the classroom, laboratory, and clinical area. Upon successful completion of required classroom, lab, and clinicals, students may be eligible to sit for the
National Nurse Aide Assessment certification exam in order to become a Certified Nurse Aide (CNA).
Credit: 1.0
Prerequisite: Successful completion of Therapeutic Services
Special Requirements: There is a fee for lab experiences.

PATIENT CARE TECHNICIAN
Course Description:
Patient Care Technician is a one credit course that provides students the opportunity to become effective and efficient multi-skilled healthcare providers. Students will develop a working knowledge of advanced patient care skills, vital signs, 12-lead EKG's, oxygen therapy, basic phlebotomy via simulation, and specimen collection and processing. Essential workforce skills and safety will be emphasized, as well as, professional ethics and legal responsibilities. Upon successful completion of required theory, lab, and simulation, students may be eligible to sit for Patient Care Technician Certification.
Credit: 1.0
Prerequisite: Successful completion of Therapeutic Services
Special Requirements: There is a fee for lab experiences.

HEALTH SCIENCE INTERNSHIP – SPORTS MEDICINE
Course Description:
Health Science Internship is a one or two credit course designed for students in grade 12. This course includes a variety of knowledge and skills necessary for becoming a health care worker or for preparing students for postsecondary health care education programs. Health Science Internship is designed to be completed in a hospital, extended care facility, rehabilitation center, medical office, imagery laboratory, or other health care facilities. Theory and laboratory components comprise at least 10% of the Health Science Internship.
Credit: 1.0
Prerequisite: Successful completion of Foundations of Health Science and Anatomy & Physiology
Special Requirements: Must complete an application, have teacher approval, transportation to clinical site, clinical fee/insurance, nursing scrubs with shoes, and name tag. There is a fee for lab experiences.

DUAL ENROLLMENT - LAB PROCEDURES I
Course Description:
This course provides instruction in basic lab techniques used by the medical assistant. Topics include lab safety, quality control, collecting and processing specimens, performing selective diagnostic tests,

such as a CBC, screening and follow-up of test results and OSHA/CLIA regulations. Upon completion, students should be able to perform basic lab tests/skills based on course topics.
Credit: 1.0
Prerequisite: Successful completion of Foundations of Health Science
Special Requirements: Students must complete enrollment process with Central Alabama Community College and register for MAT 125.

DUAL ENROLLMENT - LAB PROCEDURES II
Course Description:
This course instructs the student in the fundamental theory and lab application for the medical office. Microbiology, urinalysis, serology, blood chemistry, and venipuncture theory as well as venipuncture collection procedures are discussed and performed. Upon completion, students should be able to perform basic lab tests/skills on course topics.
Credit: 1.0
Prerequisite: Successful completion of Lab Procedures I
Special Requirements: Students must complete enrollment process with Central Alabama Community College and register for MAT 215.

DUAL ENROLLMENT - MEDICAL TERMINOLOGY
Course Description:
This course is designed for medical assistants, student nurses, and others in medically related fields. The course will focus on the more common prefixes, roots, and suffixes used to construct medical terms with these word parts to determine the meanings of new or unfamiliar terms. The student will learn a system of word building which will enable them to interpret medical terms.
Credit: 1.0
Prerequisite: Successful completion of Foundations of Health Science
Special Requirements: Students must complete enrollment process with Central Alabama Community College and register for OAD 211.

DUAL ENROLLMENT – PHLEBOTOMY PRECEPTORSHIP
Course Description:
This course is designed to provide the opportunity to apply phlebotomy techniques in the physician's clinic and hospital setting. Emphasis is placed on training individuals to properly collect and handle blood specimens for laboratory testing and to interact with health care personnel, patients and the general public. Upon completion, students should be prepared for entry-level phlebotomy and to sit for the Phlebotomy Technician Examination (ASCP).
Credit: 1.0
Prerequisite: Successful completion of Lab Procedures I
Special Requirements: Students must complete enrollment process with Central Alabama Community College and register for MAT 239.

COSMETOLOGY

INTRODUCTION TO COSMETOLOGY

Course Description:

This course is 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.

Credit: 1.0

Prerequisite: None

Special Requirements: There is a fee for this course.

CHEMICAL SERVICES

Course Description:

A one-credit course designed to focus on the theory of chemical services related to chemical hair texturing. Students gain initial, practical experience in performing various chemical texturing activities.

Credit: 1.0

Prerequisite: Successful completion of Introduction to Cosmetology

Special Requirements: There is a fee for this course.

NATURAL HAIR STYLING THEORY

Course Description:

This course is designed to provide instruction on scientific concepts and natural hair care and services. Theory scope of content includes infection control, safety practices, human anatomy and physiology, client consultation, analysis, documentation, services, and procedures.

Credit: 1.0

Prerequisite: Successful completion of Introduction to Cosmetology

Special Requirements: There is a fee for this course.

NAVAL JUNIOR OFFICER RESERVE TRAINING

NAVAL SCIENCE 1/2/3/4

Course Description:

The accredited curriculum emphasizes citizenship and leadership development, as well as maritime heritage and military fundamentals. Classroom instruction is augmented throughout the year by extra-curricular activities of community service, academic, athletic, drill and orienteering competitions, field meets, visits to military activities, universities, marksmanship sports training, and physical fitness training. electronic classroom equipment, textbooks, uniforms, educational training aids are provided by the navy. **Students are not obligated to join the military as a result of taking this course.**

What does the NJROTC program do?

- ✓ Promotes Patriotism and develops informed and responsible citizens, with a respect for constructed authority.
- ✓ develops a high degree of personal honor, self-reliance, individual discipline.
- ✓ Provides information on the military services as a possible career

What are the benefits of NJROTC?

- ✓ Approximately 60 percent of the cadets continue to higher education
- ✓ Offer ACT preparation.
- ✓ Cadets are better behaved, have higher attendance abuse, have higher self-esteem, develop positive life skills.
- ✓ Cadets learn the value of teamwork and individual accomplishments.
- ✓ Character education teaches values, principles, and self-discipline promoting positive, productive behaviors and provides a lifestyle support structure.
- ✓ While the training is along military lines, it is conducted so as to encourage initiative and individuality to develop natural gifts.
- ✓ Cadets in good standing with completion of at least years of JROTC are entitled to advanced promotion to pay grade E-3 upon initial enlistment in an active or reserve component of the army, navy, or air Force, and pay grade E-2 in the marine Corps.
- ✓ Cadets may be nominated to the U.S. Naval Academy, U.S. Military Academy and U.S. Air Force Academy in addition ROTC scholarships.
- ✓ This course satisfies the required 1.0 credit of Beginning Kinesiology needed for graduation.
- ✓ This course also satisfies the Career Preparedness graduation requirement.

For specific standards contact the Naval Science program instructors.

NAVAL SCIENCE 1
Course Description:
A one-credit course that provides an introduction to NJROTC, career planning, leadership skills, citizenship and American Government, US Navy ships and aircrafts, wellness and first aid, survival skills, and geography. Students are also introduced to the basic principles of leadership. This course satisfies the required 1.0 credit of Beginning Kinesiology needed for graduation.
Credit: 1.0
Prerequisite: None
Special Requirements: There is a fee per semester.

NAVAL SCIENCE 2
Course Description:
A one-credit course designed to provide instruction in maritime history, leadership, maritime geography, oceanography, meteorology, astronomy, and physical science. the cadets will illustrate an understanding of people governments, military, and geopolitics.
Credit: 1.0
Prerequisite: Successful completion of Naval Science 1
Special Requirements: There is a fee per semester.

NAVAL SCIENCE 3
Course Description:
A one-credit course to assist students in developing competencies in sea power and national security, military and international law, ship construction and organization, basic seamanship, maritime navigation, and naval weapons and aircraft.
Credit: 1.0
Prerequisite: Successful completion of Naval Science 2
Special Requirements: There is a fee per semester.

NAVAL SCIENCE 4
Course Description:
A one-credit course that provides opportunities for practical applications in leadership, case studies, citizenship, personal responsibilities, operational risk management, long- and short-range planning, and community involvement and interaction.
Credit: 1.0
Prerequisite: Successful completion of Naval Science 3
Special Requirements: There is a $25 fee per semester.

ACT PREP/SUCCESS FOR LIFE
Course Description:
This course is designed to enhance student skills to improve student performance on ACT. This course focuses on math, English, reading, and science topics that are measured on the ACT. Instructors for this course have high expectations for students. Students must take a serious academic approach in order to be successful; therefore, students must be recommended by faculty/administration in order to enroll in this class. Students will be graded on successful completion of work assigned by instructor,

quizzes, and tests.
Credit: 1.0
Prerequisite: None
Special Requirements: Must have faculty member/administrator recommendation and teacher approval. Chromebook required.

COOPERATIVE EDUCATION WORK-BASED EXPERIENCE

Course Description:
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.
Credit: 1.0
Special Requirements: A student must be a junior or senior and at least 16 years old to enroll in cooperative education. Students must complete an application and interview with cooperative education coordinator before being accepted into the program.

The Alexander City Band Booster provides individual students opportunities to earn financial credit toward fees and trips through fundraisers. These are available for BAND STUDENTS. Many students fund their opportunities entirely by these means. There are required minimums for every student.

Students participating in the BRHS Marching Band must be enrolled in one of these classes for the entire academic year. Fees for participation in the marching band are $150.00 for all members. Uniform costs are $90 for the purchase of marching pants and shoes. (One-time purchase, replaced as needed) Drum Majors and Visual Ensemble members incur extra expenses for uniform purchases.

ALL INSTRUMENTAL MUSIC CLASSES ARE PERFORMANCE BASED AND DAILY PARTICIPATION IS REQUIRED FOR CONTINUED ENROLLMENT.

ADVANCED MUSICAL CONCEPTS I & II

Course Description:

Advanced Music Concepts will focus on the foundations of music notation, harmony, and introduction to conservatory training. Advanced performance techniques for instrumentalists and vocalists, and introduction to composition will also be a part of the course syllabus. Elements of music history and composition will be involved in the curricula. Audition preparation, secondary instrument acquisition (doubling), mentoring, and college preparatory activities will also be a focus.

Rationale: Many students have a desire to explore musical their interests more deeply than in an ensemble class. Whether for a deeper understanding or to prime them for a career as a musician or music educator, this course is designed to meet that need.

AMC II will be taught concurrently with AMC I at a higher level of output and expectation.

Credit: 1.0

Course Prerequisites: Students must have performance skill and a desire to pursue advanced instrumental or vocal success. THIS IS NOT A MUSIC PRODUCTION OR MUSIC INDUSTRY CLASS. This class is not intended to teach recording or production techniques.

Special Requirements: There will be no class fee. Students will be required to have a high-quality set of headphones for listening. A subscription to Smart Music ($40 annual fee) will be recommended. Software used will include, but is not limited to: Note Flight, Finale, Audacity, Garage Band, and similar editing software.

JAZZ BAND 1 & 2 SPRING/FALL

Course Description:

Performance is focused on Jazz idioms. (Big Band, Swing, Be-bop, Latin, etc.) The primary focus is on ensemble performance, however, opportunities to develop solo skills are available when desired. Performances include concerts, assemblies, public events, and various community outreach efforts.

Credit: 1.0

Course Prerequisites: Jazz Band 1 is introductory and a prerequisite to Jazz Band 2. Placement in either is by approval. Jazz Band is a full year performance class. Enrollment is by BRHS Band Director approval only. All BRHS Band students may inquire about membership. Rhythm Section performers may opt for Jazz band instead of Percussion Ensemble in the spring.

Special Requirements: Costs associated with participation in this class are centered around the purchase and maintenance of the student's instrument and supplies.

MARCHING PERCUSSION TECHNIQUES: Fall Semester Only

Course Description:

Percussion Techniques is required of any percussionist that is involved with the BRHS Marching Band. Participation is by director's approval only. Freshmen must have completed requirements from the ACMS Band Program or the equivalent, and have gone through the audition process during the prior Spring semester. Students will learn the techniques involved in performing with a percussion ensemble in both the marching and concert genres.

Credit: 1.0

Special Requirements: Students enroll in percussion techniques in lieu of Concert or Symphonic Bands for the Fall Semester. Students are required to enroll in their respective bands during the spring. A

marching band instrument will be assigned to each student, and it is expected that the instruments be cared for as their own.

SMALL ENSEMBLE: Spring Semester Only
Course Description:
Small Ensemble is offered to any interested band students, in grades 9-12, who have completed study in the ACMS Band program. Music performances cover many styles of music, traditional and contemporary. Basic instrumental and musical skills emphasized and drilled in this class. Performances include concerts, assemblies, and assessments. Grades are issued primarily on performance tests and performances, and secondarily on participation in rehearsals.
Credit: 1.0
Course Prerequisites: Students who have completed study in piano or strings may be allowed to audition for entry into this ensemble. Admission, in these circumstances, is by approval of the director. With approval, a student may enroll in the course as a beginner in preparation for the next academic year.

FINE ARTS

LEVEL 1: INTRO TO MUSICAL CONCEPTS
Course Description:
This course will explore introductory aspects of musical notation, musical production, basic musicianship, industry processes, and copyright laws. Basic musicianship as a singer, keyboardist, or vocalist is required. If a student has advanced knowledge of production software (ProTools, etc.) and operation of recording technology, this may be substituted.
Students will gain introductory knowledge as it pertains to professional occupations in the music, music production, and music education fields. It is not a beginning instrumental technique, though students who already play instruments will be encourages to expand their skills to other instruments.
Credit: 1.0
Course Prerequisite: None
Special Requirements: There will be a nominal fee to cover clerical costs and software licensing.

LEVEL 2: INTRO TO PERFORMANCE SPACE AND TECHNOLOGY
Course Description:
This course will provide orientation, set up, and use of performing spaces, software, and technology. There will be significant lab opportunities with the BRHS Fine Arts programs, school assemblies, and possibly with Alexander City Arts council.
Examples of the skills learned would be: stage auditorium equipment and safety, sound system set up and operation, lighting set up and operation. Additionally, professional aspects of technical personnel for live performances and public assemblies will be taught.
There will be required attire. Funding for this has not been determined. However, students' expense will be kept nominal.
Credit: 1.0
Course Prerequisite: None

Special Requirements: Costs associated with participation in instrumental music classes are centered around the purchase and maintenance of the student's instruments, implements and supplies.

VISUAL ARTS, LEVEL I
Course Description:
Level I Visual Arts is designed to address the needs of young artists who are eager to explore and experiment in creating two- and three-dimensional works of art. The visual arts curriculum centers on producing, responding to, and understanding art. Knowledge, skills, and attitudes gained in this course promote future enjoyment and appreciation of the arts. Students respond to personal experiences and conceptualized. Ideas as they learn to manipulate the elements of art and the principles of design through the use of a variety of processes, techniques, and media. Level I standards are structured to provide a foundation for more advanced work.
Credit: 1.0
Prerequisites and/or Special Requirements: Students enrolling in this course should have an interest in the visual arts. There is a fee for this course.

VISUAL ARTS, LEVEL II
Course Description:
Level II Visual Arts is designed to address the needs of students with level I visual arts experience. these students require concrete experiences that provide direction and advanced skill development. As they continue to learn the visual language and understand the significance of artistic symbolism, students focus on the production of visual relationships; the exploration of techniques, processes, and media; and the study of history, culture, aesthetics, and criticism. Students in level II may be considering visual arts as a possible career option.
Credit: 1.0
Course Prerequisite: Successful completion of Visual Arts, Level I
Special Requirement: There is a fee for this course.

THEATRE
Course Description:
The purpose of this course is to give the student an increased appreciation of and additional experience in theater as an art form. The student will act, direct, or be technically involved in scenes, one-act plays or full-length productions. They will read, write and evaluate plays as well as view and critique electronic and live performances. History, culture and technology will be examined, and career opportunities will be explored. Through creating theater, students will grow in their ability to comprehend the world and to communicate with others.
Credit: 1.0
Prerequisites and /or Special Requirements: Students enrolled in this course will be expected to participate in an on stage production. There is a fee for this course.

PHYSICAL EDUCATION AND HEALTH

BEGINNING KINESIOLOGY

This course encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Prerequisite for all physical education elective courses. NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION.

Credit: 1.0

Prerequisite: Highly recommended that students take Beginning Kinesiology in Grade 9.

HEALTH EDUCATION

Course Description:

The required high school course, Health Education, encompasses the eight anchor standards with the ultimate goal of successful application and mastery of health-enhancing skills. Health education is addressed in a way that allows students to obtain and interpret basic health information and apply it effectively to their daily lives as they deal with such issues as bullying, substance abuse, mental health, and sexual activity. Students are encouraged to become health-literate and self-directed learners while establishing a basic understanding of health promotion and disease prevention. The maturation of the student, the intensity of instruction, and the level of integration of content across the high school curriculum all influence the impact of this course. Health instruction leads high school students to understand basic concepts of health literacy. Students develop skills for accessing health information, products, and services to meet 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.

Credit: 0.5

Course Prerequisite: None

Special Requirements: None

SPORTS OFFICIATING

Course Description:

This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball.

Credit: 1.0

Course Prerequisite: The student must be age 16 or older, or turn age 16 during the academic school year.

ELECTIVES

DRIVER EDUCATION

Course Description:

This course is designed to help students develop mental, physical, and social skills needed to drive in today's complex traffic environments. Safety, smooth flow of traffic, and enjoyable driving are stressed. The purpose of this course relates to career planning and self-development (courtesy, cooperation with others, and self-confidence). Students will (1) learn the basic skills in steering, accelerating, and braking; (2) develop skills in changing lanes, turning, backing, and parking; (3) develop defensive driving skills; and (4) learn the rules of the road and special safety laws. This course is not designed as a stepping stone to get a driver's license but as an opportunity to learn driving through classroom instruction, simulation, and behind-the-wheel practice so that all mental, physical, and social skills are enhanced to help make a safe experience. Students will have an opportunity to earn a Boat/Vessel license and an Alabama driver's license during this course. STUDENT MUST HAVE A LEARNER'S PERMIT IN ORDER TO TAKE THE THIRD PARTY DRIVER'S TEST.

Credit: 0.5

Course Prerequisites: Students must be able to perform basic driving maneuvers. Skills are tested in simulation and behind the wheel.

Special Requirements: There is a fee for this course.

PEER INSTRUCTOR

Course Description:

A student is assigned to a particular faculty/staff member at on Alexander City Schools location in order to provide that person with assistance in carrying out his/her duties within the classroom. The student actually serves as an instructional aide. His/her jobs might include assisting individual students or groups of students with in-class activities/assignments, assisting the teacher with classroom presentations/demonstrations, helping the teacher organize materials for instructional purposes, etc.

Credit: 1.0

Course Prerequisites/Special Requirements: An application is required. Students in the 11th or 12th grade may apply and will need to have transportation.

TEACHER ASSISTANT

Course Description:

A student is assigned to a particular faculty/staff member in order to provide that person with assistance in carrying out his/her duties. a student's job might include running errands on campus, filing papers, assisting with paperwork, etc.

Credit: 1.0

Course Prerequisites/Special Requirements: An application is required. Students in the 11th or 12th grade may apply.

STUDENT PROMOTION

Promotion for grade classification purposes is based upon the total number of credits accumulated at the end of each school year as follows:

Sophomore Status:	6 Carnegie units of credit
Junior Status:	12 Carnegie units of credit
Senior Status:	20 Carnegie units of credit (10 of which must be core units with at least 2 units in each of the 4 core areas)

**Any exceptions will be at the principal's discretion.*

PHOENIX ACADEMY

Students placed at Phoenix Academy will utilize an approved virtual program reflecting the standards being taught in the classroom. Credits will be awarded upon successful completion of the course.

IGRAD VIRTUAL ACADEMY

Students who are members of the iGrad Academy will be enrolled in an approved virtual platform. The standards covered will reflect the Alabama Course of Study. Credits will be awarded upon successful completion.

Class Rank and Grade Point Average

Many courses at Benjamin Russell High School award weighted credit and beginning with the Class of 2024, weighted credit will also be awarded in designated dual enrollment courses taught at Central Alabama Community College.

CACC Dual Enrollment Courses With Weighted Credit			
ENG 101	ENG 102	HIS 202	MTH 125
BIO 103	BIO 104	CHM 111	CHM 112

Class rank is determined by ranking each student's overall grade point average within the graduating class. Final senior class ranking is done at the end of the third nine weeks of the senior year. The grade point average (GPA) is computed by using the following quality point scale:

Grade Earned	**Regular Courses**	**Honors Courses**	CACC Dual Enrollment Courses BIO 103, BIO 104, CHM 111, CHM 112	**AP Courses**	**CACC Dual Enrollment Courses ENG 101, ENG 102, HIS 202, MTH 125**
A	4	4.5	4.5	5	5
B	3	3.5	3.5	4	4
C	2	2.5	2.5	3	3
D	1	1	1	1	1
F	0	0	0	0	0

**A student must earn a final course average of 70 or higher to receive weighted credit.*

VALEDICTORIAN, SALUTATORIAN AND TOP TEN SENIORS

Beginning with the freshman class entering in 2015-2016, the top 10 students of the senior class will be determined by their numerical grade point average. The student with the highest numerical grade point average (nearest ten-thousandth) who qualifies for the Alabama High School Diploma with Honors shall be the class valedictorian. The student with the second highest numerical grade point average (nearest ten-thousandth) shall be the class salutatorian.

If obtaining the highest GPA/Class Rank possible is important to a student, he/she should consider taking Honors/ A.P. and weighted credit dual enrollment courses.

DUAL ENROLLMENT

***Alexander City Schools is currently working with multiple post-secondary institutions to add more opportunities for dual enrollment and pathways*.**

Purpose: Dual Enrollment permits eligible high school students to enroll in college courses concurrently with high school courses earning college and high school credit simultaneously.

Student Eligibility:

A high school student is eligible for Dual Enrollment for Dual Credit if he or she meets all of the following criteria:

- The student must be in grade 10, 11, or 12.
- The student must have a minimum cumulative (unweighted) high school grade point average of 2.5 on a 4.0 scale. Transcripts must be provided as documentation of the student's cumulative grade average.
- The student must have written approval of the appropriate principal or career and technical education program representative (if applicable) and counselor.
- Students registering for any college-level English or math courses must take the state approved placement assessment to determine their academic preparedness for college level courses. Students registering for career and technical education courses, with the exception of math and English, in the 10th or 1lth grade should not be required to take the state-approved placement test.
- Students must take the state-approved placement assessment before the start of their l2th year of high school, or submit ACT scores which exempt them from the exam.
- Students must meet all applicable pre-requisites prior to enrolling in courses.
- Developmental courses (those numbered below 100) are not offered through dual enrollment.

Courses:

Courses are offered on CACC campuses on a two day schedule Monday/Wednesday or Tuesday/Thursday and may be taken during the day or in the evening. CACC is on the semester system – 15 weeks equal 1 semester. Courses numbered below 100 and physical education courses are not eligible. On campus 3 credit hour courses meet 75 minutes per day, two days per week; on campus 4 credit hour courses meet 100 minutes per day, two days per week.

Transcripts and GPA:

Dual courses are designated as “dual” on the college transcript, and dual course grades are calculated in a student’s high school GPA. Student grades are reported numerically and as a letter grade to the high school and as a letter grade on the college transcript.

Other Issues:

Payment of tuition, fees, and books are the responsibility of the student and must be made by the first day of class. Transportation and attendance are the student’s responsibility. Students should know the policies of out-of-state colleges/universities to which they plan to transfer.

Articulation Web Page:

http://stars.troy.edu

Advanced Placement
(AP) Classes

Participating in the AP Program gives students the opportunity to take college- level courses while they are still in high school. AP courses teach students skills that can lead to success in college. They will develop the writing skills, problem-solving techniques, and study habits that will prepare them for college academics. Plus, taking rigorous AP courses demonstrates their maturity, willingness to push themselves intellectually, and commitment to academic excellence, which can help them stand out in the college admissions process. AP students study subjects in greater depth and detail, and rather than simply memorizing facts, they are expected to develop and support their own arguments and perspectives.

These courses are very challenging and rigorous. They require time and commitment on the part of the student willing to go the extra mile to achieve.

In May each year there are national AP Exams in each course area. The scores on this test determine whether or not a particular college or university will award college credit. **Each college or university has a different policy so there is no set score that will guarantee college credit.** There is a charge for these exams and each student will take the exam for the class he/she is enrolled. The 2021 cost is $95.00 per exam. Students receiving Free or Reduced lunch will pay a discounted fee.

There is weighted credit awarded to high school students who participate in AP classes. The weighted credit is NOT added to the grade made in the class but is averaged in with the overall GPA.

The AP classes offered at BRHS are as follows:
AP US History – Junior Year
AP Chemistry - Junior Year or Senior Year
AP English Language and Composition – Junior Year
AP Biology – Junior or Senior Year
AP English Literature and Composition – Senior Year
AP Calculus AB – Senior Year
AP Computer Science Principles

The AP Classes offered on ACCESS are as follows:
AP Macroeconomics
AP US Government and Politics
AP Statistics
AP Psychology
AP Computer Science A
AP Art History

****ACCESS AP Courses are not weighted.****

ACCESS: Distance Learning

What is ACCESS Distance Learning?
ACCESS Distance Learning (Alabama Connecting Classrooms, Educators, and Students Statewide), an education initiative of the Alabama Department of Education, provides opportunities and options for Alabama High School students to engage in Advanced Placement (AP), elective, and other courses to which they may not otherwise have access.

What are the Advantages of ACCESS Distance Learning?
• Instant Expansion of Course Offerings
• Honors Diploma and Advanced Level Courses in Areas such as Foreign Languages, Electives, and Higher Mathematics
• Advanced Placement and/or Dual Credit courses
• State-Approved Curricula Using the Latest Interactive Instructional Models
• Alabama Certified Teachers as E-teachers at Delivery Schools for Students Who are Supported by Facilitators at Each Receiving School
• High Quality Interactive Internet-Delivered Asynchronous Instruction for Wed-Based Courses
• Synchronous (Real-Time) Instruction Utilizing Multipoint Videoconferencing Equipment for IVC (Interactive Videoconferencing) and Blended Courses
• Equal Access to High Quality Instruction

What are the costs?
Courses are provided during the regular school day at no cost to students under state rules established to govern the program through Alabama's ACCESS Distance Learning funds. (Requests for courses may not necessarily result in placement of students in courses.)

What is expected of a distance learning student?
Students are expected to participate in daily learning activities such as discussions, projects, labs, group work, and writing workshops. Sound familiar? Distance learning instructors guide students through content-approved courses by way of a Web-based or IVC-based format or a blend of the two course delivery methods.

What courses are offered and how should courses be requested?
For a complete and updated list of courses, visit the ACCESS Distance Learning Web Site. Guidance Counselors are able to request courses online at www.accessdl.state.al.us

How do I know if a student is a good candidate for ACCESS Distance Learning?
In general, students and educators rapidly adapt to the distance learning format. Many higher education institutions already have standard distance learning courses. The following are some of the characteristics of more successful Web-based learners.

- **Independent Learners**
- **Self Motivated**
- **Computer Literate Individuals**
- **Effective Written Communicators**
- **Open Communicators (Willing to Ask for Help and Share Problems and/or Concerns)**
- **Interested Online Learners**

For complete information, visit http://accessdl.state.al.us

ALEXANDER CITY SCHOOLS

DIPLOMA REQUIREMENTS

(Beginning with the ninth grade class of the 2021-2022 school year)

	Alabama High School Diploma with Honors	**Alabama High School Diploma**	**Alabama High School Diploma Essentials Pathway**
			Must be eligible for special education services.
Math	4 units* *(Includes Pre-Calculus or above)*	4 units	4 units
English	4 units*	4 units	4 units
Science	4 units*	4 units *(Includes Biology and a Physical Science)*	4 units
Social Studies	4 units*	4 units	4 units
Physical Education	1 unit *(Beginning Kinesiology/ JROTC/Band)*	1 unit *(Beginning Kinesiology/ JROTC/Band)*	1 unit *(Beginning Kinesiology/ JROTC/Band)*
Health	½ unit	½ unit	½ unit
Career Preparedness	1 unit	1 unit	1 unit
Career Technical and/or Foreign Lang and/or Arts Education	3 units *(Must include 2 units of the same foreign language.)*	3 units *(Encouraged to complete 3 courses in sequence.)*	3 units *2 Career Technical Credits 1 Transition Services II*
Service Learning	100 hours community service	N/A	N/A
Electives	6 ½ units	6 ½ units	6 ½ units
TOTAL	**28 units**	**28 units**	**28 units**

AHSD with Honors: **Students must earn credits in all Honors Courses offered in grades 9-12. In addition, these students must earn credit in at least four Advanced Placement (AP) Courses or the equivalent dual enrollment course(s).*
Students may choose from the following dual enrollment courses at CACC: ENG 101, ENG 102, HIS 202. MTH 125. BIO 103 ***AND*** *BIO 104 or CHM 111* ***AND*** *CHM 112*

The Alexander City Schools superintendent may recommend a reduced number of required local credits for graduation when considering a catastrophic injury or illness of a student. The reduction of local credits will continue to meet the requirements established by the ALSDE.

Revised: 04/2021

Alabama High School Diploma with Honors

STATUS REPORT

*MUST EARN CREDIT IN AT LEAST **4** ADVANCED PALCEMENT (AP) COURSES OR THE EQUIVALENT DUAL ENROLLMENT COURSES.*

ENGLISH – 4 credits
Must earn credit in all Honors Courses in grades 9 and 10.
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

SCIENCE – 4 credits
Must earn credit in all Honors Courses in grades 9 and 10.
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

MATH – 4 credits
Must earn credit in all Honors Courses in grades 9 and 10.
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

SOCIAL STUDIES – 4 credits
Must earn credit in all Honors Courses in grades 9 and 10.
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

ELECTIVES
Additional electives required for at least 28 total earned credits.
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

_____ Beginning Kinesiology/NJROTC/Band (1 credit)
_____ Health or Foundations of Health Science (1/2 credit)
_____ Career Preparedness (1 credit)
_____ 100 Hours of Community Service

CAREER TECHNICAL AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION
3 credits (Must include 2 units of the same foreign language.)
Foreign Language I: _____ (1 credit)
Foreign Language II: _____ (1 credit)
_____ (1 credit)

Alabama High School Diploma

STATUS REPORT

ENGLISH – 4 credits

_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

SCIENCE – 4 credits

_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

MATH – 4 credits

_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

SOCIAL STUDIES – 4 credits

_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

ELECTIVES

Additional electives required for at least 28 total earned credits.

_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

_____ Beginning Kinesiology/NJROTC/Band (1 credit)
_____ Health or Foundations of Health Science (1/2 credit)
_____ Career Preparedness (1 credit)
_____ 100 Hours of Community Service

CAREER TECHNICAL AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION

3 credits: **Students are encouraged to complete two courses in sequence.**

_____ (1 credit)
_____ (1 credit)
_____ (1 credit)

NCAA Eligibility Center

ONE OPPORTUNITY. LIMITLESS POSSIBILITIES.

If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page at **eligibilitycenter.org**.

ACADEMIC REQUIREMENTS

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an ACT or SAT score that matches your core-course GPA.

CORE COURSES

Only courses that appear on your high school's list of NCAA core courses will count toward the 16 core-course requirement; visit **eligibilitycenter.org/courselist** for a full list of your high school's approved core courses. Complete 16 core courses in the following areas:

DIVISION I

Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

DIVISION II

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

GRADE-POINT AVERAGE

The NCAA Eligibility Center calculates your grade-point average based only on the grades you earn in NCAA-approved core courses.

- DI requires a minimum 2.3 GPA.
- DII requires a minimum 2.2 GPA.

SLIDING SCALE

Divisions I and II use sliding scales to match test scores and GPAs to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at **ncaa.org/test-scores**.

TEST SCORES

You may take the SAT or ACT an unlimited number of times before you enroll full time in college. Every time you register for the SAT or ACT, use the NCAA Eligibility Center code 9999 to send your scores directly to us from the testing agency. We accept official scores only from the ACT or SAT, and won't use scores shown on your high school transcript. If you take either test more than once, the best subscore from different tests are used to give you the best possible score.

HIGH SCHOOL TIMELINE

9TH GRADE

PLAN

- *Start planning now!* Take the right courses and earn the best grades possible.
- Find your high school's list of NCAA-approved core courses at **eligibilitycenter.org/courselist**.
- Sign up for a free Profile Page at **eligibilitycenter.org** for information on NCAA requirements.

10TH GRADE

REGISTER

- If you fall behind academically, ask your counselor for help finding approved courses you can take.
- Register for a Profile Page or Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**.
- Monitor your Eligibility Center account for next steps.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

11TH GRADE

STUDY

- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.
- Take the ACT or SAT and submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your sports participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor at each high school or program you attended to upload your official transcript to your NCAA Eligibility Center account.

12TH GRADE

GRADUATE

- Complete your final NCAA-approved core courses as you prepare for graduation.
- Take the ACT or SAT again, if necessary, and submit your scores to the NCAA Eligibility Center using code 9999.
- Request your final amateurism certification beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your NCAA Eligibility Center account at **eligibilitycenter.org**.
- After you graduate, ask your counselor to upload your final official transcript with proof of graduation to your NCAA Eligibility Center account.
- *Reminder:* Only students on an NCAA Division I or II school's institutional request list will receive a certification.

How to plan your high school courses to meet the 16 core-course requirement:

4 X 4 = 16

9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE
(1) English	(1) English	(1) English	(1) English
(1) Math	(1) Math	(1) Math	(1) Math
(1) Science	(1) Science	(1) Science	(1) Science
(1) Social Science and/or additional	(1) Social Science and/or additional	(1) Social Science and/or additional	(1) Social Science and/or additional
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES

For more information: ncaa.org/playcollegesports | eligibilitycenter.org

Search Frequently Asked Questions: ncaa.org/studentfaq

Follow us: @NCAAEC @playcollegesports @ncaaec

Alexander City Schools

Wildcat Community Service Challenge

Purpose

The purpose of the *Wildcat Community Service Challenge* is multi-fold. First, we hope to instill in our students a sense of service that will assist in their personal and academic development. Such activities provide students with experiential opportunities to learn in the real world and to develop skills of citizenship and community engagement. Second, we hope to foster school system engagement with the larger community that furthers the academic and public purposes of the school system, while simultaneously strengthening our community. And third, student-based community service affords community partners with opportunities to address significant needs.

Student Goals

- Students will develop a greater sense of personal interests and talents, self-worth, self-efficacy, personal identity, spiritual growth, and moral development.
- Students will experience interpersonal development, particularly the ability to work well with others, and build leadership and communication skills.
- Students will reduce stereotypes and gain a greater inter-cultural understanding.
- Students will understand social responsibility and develop citizenship skills.
- Students will develop life-long interests in community service.
- Students' academic development will be positively impacted.
- Students will apply what they have learned in school to "the real world."
- Students will develop higher order thinking skills, with a better understanding of complexity, ambiguity, problem analysis, problem solving, critical thinking, and cognitive development.
- Students will gain a better understanding of diversity, culture, and socio-economic differences in our community.
- Students will make connections with professionals and community members for learning and career opportunities.
- Students will develop leadership skills.

Students Challenged

The *Wildcat Community Service Challenge* is issued toward all students of the Alexander City School System in grades 7 through 12.

Community Service Work Requirements

- All community service work must be documented annually on the *Wildcat Community Service Challenge Documentation Form*.
- This initiative recognizes the importance of service in each student's church or religious-based organization and within the student's own school. However, it is important that students move outside their normal environments and build relationships across the community. Therefore, no more than 25% of the community service work shall be allowed for church/religious-based organizations and 25% for their own school. A minimum of

50% of the total community service hours must be outside church/religious organizations and the student's own school.

Work Requirements per Grade Level

- 7th – 8th Grade = 10 hours per year
- 9th – 12th Grade = 25 hours per year

Community Service Requirements for Alabama High School Diploma with Honors

Beginning with the freshman class of 2015-16, those students seeking the *Honors Diploma* tract must complete 100 hours of community service collectively in grades 9-12. The only exceptions will be for students who enter our school system after starting the 9th grade or other extenuating circumstances approved by the principal and superintendent. Those entering after 9th grade must meet yearly requirements for each year of attending BRHS. In order to stay on track to meet the required 100 hours, students seeking the *Alabama High School Diploma with Honors* are encouraged to meet the yearly goals set forth in the *Wildcat Community Service Challenge*.

Student Rewards for Completion of Challenge

- See the *Student Goals* section.
- Students' completion of the challenge will be annually documented on their academic transcript, and the student will receive with a *Community Service Challenge Certificate.*
- Lists and pictures of completers will be annually published in local media outlets and school publications.
- Beginning with the 14-15 freshman class, students who meet the minimum hours of community service for each year in grades 9-12 will receive a *Community Service Diploma Endorsement*. A seal on the diploma and documentation on the academic transcript will note this.
- When funds are made available through sponsorship or the local school systems, small favors such as t-shirts or other items may be made available to completers of the challenge. No guarantee of such rewards is made.

Submittal of Documentation

- Students in grades 7-11 will submit documentation of completed community service by the end of the third nine-week grading period each school year. Seniors must submit their documentation at the conclusion of the first semester. On a yearly basis, the principal will provide directions for submittal.
- All community service must be documented as required and an official of the community organization/agency must sign for each event.
- A school committee will yearly evaluate submitted documentation and approve the community service hours for each student. If the committee finds a discrepancy, an effort to resolve the matter with the student will be made by the committee. All approved documentation will be forwarded by the committee to school counselors to be filed and noted on transcripts.

Alexander City Schools
Wildcat Community Service Challenge Documentation Form

Community Service Certificate: Students who yearly complete the minimum hours of community service will receive a *Community Service Certificate,* with the accomplishment also being noted on their academic transcript. The yearly requirements for service are as follows: 7th-8th grade = 10 hours; 9th-12th grade = 25 hours.
Community Service Diploma Endorsement: Beginning with the 2014-15 freshman class, students who meet the minimum hours of community service for each year in grades 9-12 will receive a *Community Service Diploma Endorsement*. A seal on the diploma and documentation on the academic transcript will note this.
Honors Diploma Requirement: Beginning with the freshman class of 2015-16, those students seeking the *Honors Diploma* tract must complete 100 hours of community service collectively in grades 9-12.
Requirements: This form must be completed, signed, and returned to the school by the end of the third nine-week grading period each school year, except for seniors, who must return it by the conclusion of the first semester.

This is to certify that _____ from _____
(NAME OF STUDENT) (SCHOOL)
has performed volunteer service at no pay on the date and location listed below.

Name of Organization/Non-Profit/Event: _____

Contact's Name: _____ Phone:_____

Email Address: _____

Mailing Address: _____

Date of Event	Time In	Time Out	Total Hours per Day

Specific Duties/Services Performed:

_____

_____

_____

_____ _____ _____
Supervisor's Signature Student's Signature Date

"We make a living by what we get, but we make a life by what we give."
- Winston Churchill

Alma Mater

Dear 'ol high school
We love her
Our ideal and pride.
We will hold up her standards
Whatever may betide.
We will follow her colors
Flung out to the sky.
We will give our hearts' devotion
To ole' Russell High.