

# Madison County Virtual Academy



2021-2022

Middle and High School  
Registration Manual

## Registration Process

It's time to complete the registration process for the 2021-2022 school year. Many of our students completed this earlier in the year, however, since the learning platform is changing to Edgenuity, it will be necessary for all students to go through the process again. Use this guide as a reference as you make decisions regarding your schedule requests.

Students should be mindful of courses they have taken previously. Schedule corrections will be made in the fall however, coursework may have already begun, causing the student to be behind in assignments once the correction is made.

### Timeline

April 25	Course Applications and Registration Manual distributed
May 3	Course Applications Due
May 6	Rising 9th Grade Curriculum Night <a href="#">Google Meet Link</a>
May 14	Rising 10th -12th Grade Curriculum Night <a href="#">Google Meet Link</a>
Fall 2021	Students will log into Edgenuity on the first day of school and verify that their courses are correct

### KEY CONTACTS

[Mrs. Tracey Wray](#) – Principal  
[Mrs. Tandy Shumate](#) – Assistant Principal  
[Mrs. Jamie Kubik](#) – Counselor  
[Mrs. Ashley Carter](#) – Registrar

### OUR MISSION & VISION

**Mission** - To prepare our students with exceptional character, knowledge, integrity, and skills to thrive in their ever changing world.

**Vision** - To be a program that offers flexibility and freedom to excel with virtual learning while providing the support offered in both a non-traditional and traditional setting.

#### Nondiscriminatory Statement

Madison County Schools does not discriminate in admission, treatment, or access to program or activities on the basis of race, color, national origin, religious preference, disability, age, gender, sexual orientation, citizenship, non-English speaking ability, or homeless status. Students with disabilities will be provided with the same needed supports and services for extracurricular programs and activities that are provided during the school day, unless doing so would fundamentally alter the nature of the program and activity. To report incidents of discrimination contact Dr. Rachel Ballard at:

[rballard@mcssk12.org/256.852.2557](mailto:rballard@mcssk12.org/256.852.2557) Ext. 61407

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# INFORMATION

**Attendance** - Any student enrolled in the Madison County School System is required to attend school each school day, regardless of the student's age. Attendance is taken each school day when the student logs into their Edgenuity Account.

**Fee Schedule** - There are fees associated with the following courses:

Driver's Education (\$60.00)

AP Courses require the purchase of a specific textbook and the cost of the exam.

Dual Enrollment Courses (fees are determined by the college or university)

Career Technical Center Course (contact the technical center for fees)

**Grading Scale** - Grades for academic coursework will be awarded according to the following scale:

<u>Grading Scale</u>		<u>Quality Points</u>	
Letter Grade	Average	Regular	Advanced Placement/ Dual Enrollment
A	>100	4	5
A	90-100	4	4
B	80-89	3	3
C	70-79	2	2
D	65-69	1	1
F	0-59	0	0

**Report Cards** – Students receive report cards at the end of each semester. The report card indicates the students' academic progress for the semester. Parents are encouraged to have their student log into their Edgenuity account to view current grades and to communicate with teachers as needed.

**High School Promotion Requirements** - High school promotion is based on the successful accumulation of Carnegie credits and completed core course work. To be promoted from:

Grade 9 to 10 - a student must have earned six (6) Carnegie credits.

Grade 10 to 11 - a student must have earned twelve (12) Carnegie credits to include at least eight (8) credits from core courses.

Grade 11 to 12 - a student must have earned eighteen (18) Carnegie credits; however, a student may be denied senior status if it is determined that it is not possible for him/her to graduate in May of that particular school year.

**Repeating Failed Courses** - Students in grades 9-11 will not be allowed to take the next higher level of core courses until the previous level is passed. A student in grades 9-11 who fails a course may repeat the failed course in summer school, earn the credit through credit recovery, or repeat the course during the next school year. A senior may be able to repeat a course failed during the first semester in the second semester of the senior year if it will enable the student to graduate with his/her class.

**Credit Recovery** - Madison County Schools offers students who have received failing grades in select core courses that are required for graduation an opportunity to recover the lost credit. Students must meet the eligibility requirements to [apply for the credit recovery program](#). Students who complete their individualized remediation plans by demonstrating minimal proficiency in all required standards will receive a grade based on the conversion chart below:

Credit Recovery Grade	Credit Recovery Grade Placed on Transcript
90-100	70
80-89	67
70-79	65
60-69	60
0-59	F (failure)

**NOTE:** Credit Recovery courses may not be accepted through the NCAA Clearinghouse.

**Dual Enrollment** - Dual enrollment affords a student the opportunity to enroll in a postsecondary institution while attending high school for the purpose of earning credits toward a high school diploma and/or a post-secondary degree. Students must complete an application and be approved through Madison County Schools prior to enrollment. Upon approval, students may register with the post-secondary institution. A student must meet the following requirements to be eligible to participate in the dual enrollment program:

1. A student must complete the [Dual Enrollment Form](#) to receive written permission of the principal and Superintendent.
2. A student must be in grade 11 or 12, must have completed all required core courses for grades 9 and 10 (exceptions may be made to enroll 10th grade students in certain Dual Enrollment courses if approved at the school and system levels and if they have an exception granted by the participating postsecondary institution upon the recommendation of the student's principal and superintendent and in accordance with AAC Rule 290-8-9-.17 regarding gifted and talented students).
3. A student must have a "B" average, as defined by the local board of education policy, in completed high school courses. Students enrolled in Grades 10, 11, or 12 who do not have a "B" average in completed high school courses may be deemed eligible to participate in dual enrollment courses

pending demonstrated ability to benefit as documented by successful completion and placement identification on assessments approved by the Department of Postsecondary Education. Students eligible under this section will be restricted to pursuing career/ technical and health-related courses. Students enrolled under this provision must have earned a “B” average in high school courses related to the occupational/technical studies, if applicable, which the student intends to pursue at the postsecondary level and have maintained an overall grade point average of 2.50. Students enrolled under this provision must have written approval of the student’s principal and superintendent.

4. A student who participates in the dual enrollment program may be required to pay regular tuition as required by the post-secondary institution.

5. Courses taken through dual enrollment shall be at the post-secondary/college level. Remedial post-secondary courses do not meet State requirements.

6. A student completing a post-secondary course will receive a ten (10) point weighted grade which will be recorded on the student's report card, high school official transcript, and included in the GPA calculation. Weighted AP and Dual Enrollment grades are the only grades reported on the report card and the cumulative record that can exceed 100 points.

7. One (1) three-semester hour postsecondary/college level course shall equal one (1) high school Carnegie credit in the same or related subject unless indicated in the Alabama Dual Enrollment Course HS Subject Area Equivalency List.

8. A student must have written permission to drive and must provide his/her own transportation for courses offered off the high school campus during the normal school day. A student must follow all policies and procedures for driving a vehicle on campus.

9. Madison County Schools has Dual Enrollment agreements with the following colleges and universities:

- Calhoun Community College
- Drake State Technical College
- University of Alabama-Huntsville
- University of Alabama (Early College)
- Auburn University (Auburn First)
- University of North Alabama
- Jacksonville State University

**Advanced Placement Courses** - The Advanced Placement (AP) Program offers students an opportunity to take college-level courses as part of their regular high school curriculum. Colleges **may** provide college credit based on the results of a student’s AP exam. All AP students are strongly encouraged to take the AP exam for the course in which they are enrolled.

**Graduating with Honors and the Non-Ranked System** - A student who maintains a 90 overall average or above for all courses attempted during grades 9 through 12 will graduate with "Honors".

Students will be non-ranked within each graduating class in order to more effectively utilize college scholarship opportunities.

**Early/Mid-Year Graduation** - Students may graduate early from Madison County Schools by meeting all requirements for an Alabama High School Diploma as described in the Alabama Administrative Code 290-3-1-6 (11). The following conditions apply to Early/Mid-Year Graduates:

1. A student must be a full time student to be eligible to participate in extracurricular activities. Therefore, a student who graduates early will not be eligible for extracurricular activities during the second semester.
2. Students who complete graduation requirements early will receive their diploma at the regularly scheduled graduation ceremony.

**NOTE:** Early Graduation is contingent on final course grades and obtaining the necessary verified credits. Students may accelerate their program of studies, with approval from the school, by enrolling in summer school and/or dual enrollment at a postsecondary institution. Early graduates are withdrawn from the school database and records will include a graduation date consistent with the last day of the semester in which final graduation requirements were met. Students considering Early Graduation should verify with their insurance provider concerning a change in coverage, and students who are 18 years old or older may lose social security benefits if not in school on a full-time basis.

**NCAA Requirements for College Athletics** - Some of the courses taught in Madison County schools may not meet the NCAA eligibility requirements. It is the student's responsibility to make sure the NCAA Initial-Eligibility Clearinghouse has the documents to certify eligibility. For further information and NCAA forms, students are encouraged to talk with their coaches and counselors.

**Graduation Requirements** - The current high school diploma, which applies to all students beginning with the ninth-grade class in 2013-2014, was approved by the Alabama State Board of Education in January 2013. For these students, this diploma replaces all variations of the prior diploma. It allows more flexibility for students in pursuing their interests and to enable more balance through equivalent course offerings, preparing students for entry into college as well as careers. A diploma will be issued by the Madison County Board of Education to all students who earn a minimum of 26 credits. No high stakes test will be attached to the requirements for receiving this diploma, however, students are required to take and pass a Civics test prior to graduating. The test consists of 100 multiple choice questions and is given during the time the student is taking the required U.S. Government class or after completion of the course. The student must score 60 or above. If the student scores below 60 or the first attempt, MCVA will allow the student to take the test a second time.

Each high school student is required to have a four-year plan. It is critical that the plan reflects the student's aspirations for life after high school. Careful consideration should be given to the selection of electives and specific credit-eligible courses to ensure that a student is prepared for postsecondary school and work. Additionally, students are required to complete a Free Application for Federal Student Aid (FAFSA) in order to graduate.

Alabama High School Graduation Requirements						
Course Requirements						
<b>English Language Arts - Four Credits to include</b>						<b>Credits</b>
	English 9					1
	English 10					1
	English 11					1
	English 12					1
English Language Arts - credit eligible options may include: Advanced Placement, post secondary, or SDE-approved courses.						<b>TOTAL 4</b>
<b>Mathematics - Four Credits to include</b>						<b>Credits</b>
	Geometry with Data Analysis					1
	Algebra I with Probability					1 (or 0)
	Algebra II with Statistics					1
<b>One or Two Credits from:</b>						
Specialized Courses:						
	Precalculus					1 (or 2)
	Mathematical Modeling					
	Applications of Finite Mathematics					
Mathematics - credit eligible options may include: Advanced Placement, post secondary, or SDE-approved courses.						<b>TOTAL 4</b>
<b>Science - Four Credits to include</b>						<b>Credits</b>
	Biology					1
	A Physical Science ( Physical Science, Chemistry, Physics )					1
Science - credit eligible options may include: Advanced Placement post secondary, or SDE-approved courses.						
<b>Two Credits from:</b>						
Alabama Course of Study: Science eligible course from Career and Technical Education, Advanced Placement, post secondary, or SDE-approved courses.						<b>TOTAL 4</b>
<b>Social Studies - Four Credits to include</b>						<b>Credits</b>
	World History					1
	United States History I					1
	United States History II					1
	United States Government					0.5
	Economics					0.5
Social Studies - credit eligible options may include: Advanced Placement, post secondary, or SDE-approved courses.						<b>TOTAL 4</b>
<b>Other Required Credits to include</b>						<b>Credits</b>
	Beginning Kinesiology or one JROTC credit					1
	Health Education					0.5
	Career Preparation					1
	Career Technical (CTE) and/or World Language and/or Arts Education					3
	Electives					2.5
						<b>TOTAL 8</b>
<b>TOTAL CREDITS REQUIRED FOR GRADUATION</b>						<b>24</b>

**College and Career Ready** - The State of Alabama has asked school districts to assist in making sure that all students are College and Career (CCR) ready upon exiting high school. MCVA will work with students to ensure a CCR is obtained prior graduating.

A CCR can be obtained in several ways:

1. Benchmark on the ACT in at least **one** of the following subjects: ELA (20), Math (22) or Science (23). The ACT is given for free during the school day in the students' junior year. Students may elect to take the ACT on a Saturday to secure a qualifying score. A copy of the ACT score sheet must be submitted to MCVA prior to December 17, 2021. For more information on taking the ACT on a Saturday, visit the [ACT website](#) and create an account.
2. Take an AP class and make a qualifying score of a 3 or higher score prior to graduation. MCVA tentatively plans to offer AP Biology and AP Calculus AB in 2021-2022.
3. Take a Dual Enrollment class at an approved college.
4. Commit to join the military after graduation. A military form is required.
5. Make a qualifying score (4 or higher on all subtests) on the Workkeys assessment given in the fall.
6. Credential in a Career Technical Class.
7. Take a CCR class through the Edgenuity program and complete the video component.

**For seniors graduating in December, a CCR is required prior the first day of school.** If a CCR has not been met, the student will be placed in the Edgenuity class and be required to pass the class and do the video component.

**For students graduating in May 2022, a CCR is required prior to graduation.**

# Middle School Course Descriptions

## English Language Arts

### **200001 English Language Arts, Grade 7**

This course includes reading literature, reading informational text, writing, speaking and listening, and language.

### **200003 English Language Arts, Grade 8**

This course includes reading literature, reading informational text, writing, speaking and listening, and language.

## Mathematics

### **210001 Mathematics, Grade 7**

Students will analyze proportional relationships and use them to solve real-world and mathematical problems; apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers; use properties of operations to generate equivalent expressions; solve real-life and mathematical problems using numerical and algebraic expressions and equations; draw, construct, and describe geometrical figures and describe the relationship between them; solve real-life and mathematical problems involving angle measure, area, surface area, and volume; use random sampling to draw inferences about a population; draw informal comparative inferences about two populations; and investigate chance processes and develop, use, and evaluate probability models.

### **210045 Accelerated Mathematics, Grade 7**

The Grade 7 Accelerated Mathematics course has been carefully aligned and designed for middle school students who show particular motivation and interest in mathematics. Grade 7 Accelerated Mathematics includes standards from Grade 7 Mathematics and incorporates standards from Grade 8 Mathematics and Algebra I with Probability. Students who complete this class are eligible to enroll in Grade 8 Accelerated Mathematics or Grade 8 Mathematics.

Students who complete both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics are considered to have met the requirements of and may opt to omit the Algebra I with Probability course in their high school mathematics progression to enroll in additional mathematics courses after completing the required Algebra II with Statistics course.

### **210003 Mathematics, Grade 8**

Students will know that there are numbers that are not rational, and approximate them by rational numbers; work with radicals and integer exponents; understand the connections among proportional relationships, lines, and linear equations; analyze and solve linear equations and pairs of simultaneous linear equations; define, evaluate, and compare functions; use functions to model relationships between quantities; understand congruence and similarity using physical models, transparencies, or geometry software; understand and apply the Pythagorean Theorem; solve

real-world and mathematical problems involving volume of cylinders, cones, and spheres; and investigate patterns of association in bivariate data.

**210046 Accelerated Mathematics, Grade 8**

The Grade 8 Accelerated course has been carefully aligned and designed for middle school students who have completed the Grade 7 Accelerated course and show particular motivation and interest in mathematics. Grade 8 Accelerated contains four content areas: Number Systems and Operations; Algebra and Functions; Data Analysis, Statistics, and Probability; and Geometry and Measurement. The algebra focus is on quadratic relationships.

Students who successfully complete this course will be prepared to enter Geometry with Data Analysis in Grade 9 and then accelerate directly into Algebra II with Statistics in Grade 10, thus providing them with an opportunity to take additional, specialized mathematics coursework, such as AP Calculus or AP Statistics, in Grades 11 and 12.

## Science

**220001 Life Science, Grade 7**

Life Science concentrates on the structure and function of cells and their connections to organs and organ systems; the interactions between living organisms and between biotic and abiotic factors; explanations of genetic variations, results of genetic mutations, and impacts of genetic technologies; and the patterns of change in populations of organisms over a long period of time and the relationship between natural selection and the reproduction and survival of a population with integration of science and engineering practices.

**220003 Physical Science, Grade 8**

Physical Science concentrates on the composition and properties of matter; examining forces and predicting and developing explanations for changes in motion; the conservation of energy, energy transformations, and applications of energy to everyday life; and types and properties of waves and the use of waves in communication devices with integration of science and engineering practices.

## Social Studies

**230003 Civics, Grade 7 (semester course)**

This course includes U.S. founding documents; representative democracy; law; personal finance; U.S. political system; civic participation and responsibility.

**220001 Geography, Grade 7 (semester course)**

This course includes cultural geography emphasizing Eastern Hemisphere; places and regions; physical systems; human systems; relationships between people and their environment.

**230011 World History to 1500, Grade 8**

This course includes a chronological history of the world: survey of early and classical civilizations; world expansion of agrarian and commercial civilizations from beginnings to 1500.

## **Electives**

**240001 Physical Education, Grade 7 and 8**

Students will develop skill execution as opposed to the acquisition of skills which are integrated into games, sports, rhythms, and gymnastics.

**TBD Band, Grade 7 and 8 (course is taken at the local school)**

**400001 Career Cluster Explorations, Grade 7 and 8**

A 70 instructional-hour course designed for students to explore career opportunities in the 16 clusters and associated pathways. Emphasis is placed on employability and leadership skills.

**260001 Technology Education, Grade 7**

This course includes: basic troubleshooting strategies; basic features of word processing, spreadsheets, databases; keyboarding techniques; safe uses of social networking; digital file transfer.

**801200 Strategies for Academic Success, Grade 8**

This course encourages students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them. This course covers important study skills such as strategies for taking high quality notes, memorization techniques, test taking strategies, benefits of visual aids, and reading techniques.

# **High School Course Descriptions**

## **English Language Arts**

**Graduation Requirements:** Four (4) credits to include English 9, 10, 11, and 12.

**200005 English, Grade 9**

This course includes reading literature, reading informational text, writing, speaking and listening, and language.

**200009 English, Grade 10**

This course includes reading literature, reading informational text, writing, speaking and listening, and language.

**200013 English, Grade 11**

This course includes reading literature, reading informational text, writing, speaking and listening, and language.

**200017 English, Grade 12**

This course includes reading literature, reading informational text, writing, speaking and listening, and language.

## **Mathematics**

**Graduation Requirements:** Four (4) credits to include Geometry with Data Analysis, Algebra I with Probabilities, and Algebra II with Statistics.

**210051 Geometry with Data Analysis**

In Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Geometry with Data Analysis is either Grade 8 Mathematics or Grade 8 Accelerated Mathematics. For students who opt to accelerate their mathematical pathways in the 9th grade, Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability.

**210056 Algebra I with Probabilities**

Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics

and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9th grade. **Prerequisite:** Geometry with Data Analysis

**210061 Algebra II with Statistics**

Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. 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 combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course 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. Algebra II with Statistics is the prerequisite for applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit.

**Prerequisite:** Geometry with Data Analysis and Algebra I with Probabilities

**210067 Applications of Finite Mathematics**

Applications of Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society. **Prerequisite:** Algebra II with Statistics

**210020 Precalculus**

This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include appropriate use of technology to facilitate continued development of students' higher-order thinking skills. **Prerequisite:** Algebra II with Statistics

**210025 Calculus AB, AP (Grades 11-12)**

A college-level advanced math course approved by the College Board Advanced Placement (AP) program for calculus; functions, graphs, and limits; derivatives; integrals; polynomial approximations and series. **Prerequisite:** Algebra II with Statistics

**Fee Required:** Cost of A. P. Exam and Textbook

### **210036 Algebra with Finance**

Algebra with Finance is a college and career preparatory course that integrates algebra, precalculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level.

Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations.

Math concepts and skills are applied through study and problem-solving activities in workforce situations in the following areas: banking, investing, employment and income taxes, automobile ownership and operation, mathematical operations, consumer credit, independent living, and retirement planning and budgeting. This course may be used as the fourth math credit, a substitute for Algebra II, or an elective.

## **Science**

**Graduation Requirements:** Four (4) credits to include Biology and a physical science.

### **220011 Biology**

An Inquiry-based course with engineering design integration; focused on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity.

### **220014 Biology, AP**

A college-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology; scientific process and application skills; molecules; cells; heredity; evolution; organisms; populations. **Prerequisite:** Chemistry  
**Fee Required:** Cost of A. P. Exam and Textbook

### **220051 Physical Science**

A conceptual inquiry-based course with engineering design integration providing investigation of the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies.

### **220061 Chemistry**

The investigation of empirical concepts central to biology, earth science, environmental science, and physiology; in-depth investigations on the properties and interactions of matter including matter and its interactions, concentration of forces and motion, types of interactions, stability and instability in chemical systems, conservation of energy, energy transformations, and applications of energy to everyday life.

**220029 Environmental Science**

The study of natural resources, natural hazards, human impacts on Earth systems and global climate change; design engineering solutions to solve various problems affecting Earth and its environment.

**220081 Earth and Space Science**

A comprehensive application of all science disciplines with focus on concepts of the universe and its Stars, Earth and the solar system, history of planet Earth, Earth's materials and systems, plate tectonics, large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and biogeology; includes integration of engineering, technology and application of science core ideas.

**220071 Physics**

The detailed exploration of properties of physical matter, physical quantities, motion and stability, energy, and waves and their applications for information transfer through authentic investigations and engineering design processes.

**410025 Forensic Science and Crime Scene Investigations**

Forensic Science and Crime Scene Investigation teaches students to apply chemistry, physics, and biology to a suspect, a criminal act or behavior, or a victim. This course prepares students in two distinct concentrations. The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence. This course can be used as the 3<sup>rd</sup> or 4<sup>th</sup> Science Course or an Elective Course.

## Social Studies

**Graduation Requirement:** Four (4) credits to include World History; U.S. History I; U.S. History II; United States Government; and Economics.

**230013 World History and Geography Since 1500**

This course includes a chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present.

**230016 United States History and Geography: Beginnings to 1900**

This course includes a Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events.

**230019 United States History and Geography: 1900 to the Present**

This course includes a chronological survey of major events and issues: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; Alabama's history and geographic changes that have influenced aspects of life during and after events.

**American Government and Principles of Economics are paired courses. Each course earns the student ½ a credit for a total of 1 credit.**

**230041 United States Government**

This course includes: Origins, functions, and branches of the U. S. government; representative democracy; federalism; political/civic life; analysis of the Constitution, Bill of Rights, and other relevant documents; foreign policy.

**230051 Economics**

This course includes: basic elements of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of U. S. banking system; role of Federal Reserve Bank.

### **Electives**

**Graduation Requirement:** Eight (8) credits to include Beginning Kinesiology or 1 JROTC Credit, Career Preparedness, 0.5 Credit of Health, and 3 Credits from Career and Technical Education (CTE), World Language and /or Arts Education.

### **Electives (1/2 credit)**

**Note:** Since the following courses are ½ credit courses, students must enroll in two courses.

**250002 Health – Graduation Requirement**

This course develops an understanding of health issues and personal responsibilities. It is recommended that students take this course in Grade 10.

**550016 Marketing Research (CTE)**

This course is designed to provide students with the skills necessary to conduct qualitative and quantitative marketing research using primary and secondary data. They will gather, synthesize, evaluate, and disseminate marketing information for use in business decision-making or to address a specific marketing problem or issue. Students will apply project management techniques to guide and control marketing-research activities. They will use statistical techniques to evaluate marketing data. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

**250011 World Health**

This course includes an introduction to the important health challenges facing the world of global health: the burden of disease, health care cost-effectiveness, and health-care systems. **Prerequisite:** Health Education

**290001 Driver's Education**

This course includes safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience; safety practices **Fee Required:** Cost \$60.00

**801107aa Peer Helper**

Supervised tutoring services offered by students.

### **Electives (1 Credit)**

**240090 Beginning Kinesiology, Grade 9 – Graduation Requirement**

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. Students in this course will be required to participate in the Presidential Physical Fitness Assessment.

**400025 Career Preparedness – Graduation Requirement**

This course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience.

### **English Electives**

**200032 Composition, expository**

This course includes the study of basic composition structure; models; and skill improvement.

**200029 Literature, novels**

This course includes: readings, discussions, and writings on selected novelists such as Hawthorne, Twain, and Melville.

**200042 Public Speaking**

This course includes the study of extemporaneous, demonstrative, persuasive, informative oral communication; videotape; speech writing and delivery.

### **World Language Electives**

**270023 French I**

This course develops listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of French-speaking cultures.

**270024 French II**

This course develops listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with

comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of French-speaking cultures. **Prerequisite:** French I

**270025 French III**

This course develops listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of French-speaking cultures. **Prerequisite:** French II

**270153 Spanish I**

This course develops listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures.

**270154 Spanish II**

This course develops listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Spanish-speaking cultures. **Prerequisite:** Spanish I

**270155 Spanish III**

This course develops listening and speaking skills including understanding and responding to factual and interpretive questions; paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating presentations; increased understanding of Spanish-speaking cultures. **Prerequisite:** Spanish II

## History Electives

**230071 Psychology**

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

**230081 Sociology**

This course includes: culture and society; social inequalities; social institutions; social change.

## Test Prep Electives

**802200 ACT Test Prep**

**802200 ACT WorkKeys Test Prep**

- 802200 ASVAB Test Prep**
- 802200 PSAT Test Prep**
- 802200 SAT Test Prep**
- 210066 Standardized Test Prep for Math**

### **Miscellaneous Electives**

- 801107 Peer Helper**  
Supervised tutoring services offered by students.
  
- 210066 Mathematics Lab, Grade 9**  
Students are assigned to this class at the LEA's discretion. Credit for this class period would count as elective credit, not mathematics credit.
  
- 410025 Forensic Science and Crime Scene Investigations**  
Forensic Science and Crime Scene Investigation teaches students to apply chemistry, physics, and biology to a suspect, a criminal act or behavior, or a victim. This course prepares students in two distinct concentrations. The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence. This course can be used as the 3<sup>rd</sup> or 4<sup>th</sup> Science Course or an Elective Course.
  
- 400122 \*Cooperative Education I (140 hours)**  
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.
  
- 400133 \*Cooperative Education II (140 hours)**  
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.
  
- 400144 \*Cooperative Education III (140 hours)**  
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.
  
- 400212 \*Cooperative Education IV (140 hours)**  
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.

**520007 \*\*AP Computer Science A**

A one credit college-level course following the curriculum established by the College Board Advanced Placement (AP) Program for computer science; emphasizes object-oriented programming methodology with a concentration on problem-solving and algorithm development.

- Notes:** \* Requires an application  
\*\* ALSDE online ACCESS program. Students cannot work ahead.

## **MCVA's Career and Technical Electives**

### **Agriculture CTE**

**420101 Fundamentals of Agriscience**

This course provides students with a fundamental overview 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. The emphasis for Fundamentals of Agriscience is based around the NCCER Core Curriculum including basic safety, construction math, hand tools, power tools, construction drawings, basic rigging, communication skills, employability skills, and materials handling.

**420102 Intermediate Agriscience**

This course provides students with an intermediate 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. The emphasis for Intermediate Agriscience is plant systems. The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center and NCCER.

**420103 Advanced Agriscience**

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

**TBD Agriculture Marketing and Management**

Agriculture Marketing and Management allows students to explore and apply principles, processes, and skills in marketing and management in agribusiness settings. Topics include technologies in marketing, record-keeping, financing, agribusiness, and sales and marketing.

## Business CTE

### **410023 Law in Society**

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

### **450006 Business Technology Applications**

A one-credit foundation course designed to assist students in developing technological proficiencies in word processing, spreadsheets, databases, presentations, communications, Internet use, ethics, and careers using technology applications.

### **450031 Advanced Business Technology Applications**

A one-credit course that provides students with project-based applications of concepts learned in Business Technology Applications or Business Essentials. Students will use various software applications to prepare documents for publication and generating information. **Prerequisite:** Business Technology Applications

### **400017 Entrepreneurship**

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.

## Hospitality CTE

### **500015 Event Planning**

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.

### **500021 Travel and Tourism**

A one-credit course focused on the development, research, packaging, promotion, and delivery of a traveler's experiences that may include creating guide books, planning trips and events, managing a customer's travel plans, or overseeing a convention center.

### **TBD Food Safety and Microbiology**

Food Safety and Microbiology is a specialized area of study focusing on pathogens and spoilage microorganisms in foods, the conditions under which they grow, and conditions under which they are commonly inactivated, killed, or made harmless; principles involved in food fermentation; the role of

food in immunology; effective sanitation practices to control pathogen and microbial growth in food; principles involved in food preservation; grade classifications of meat and produce; and microbial analysis to determine food quality.

## **Human Services CTE**

### **510004 Family and Consumer Sciences**

A one-credit course that provides students with core knowledge and skills in the areas of marriage and family, parenting and caregiving, consumer sciences, apparel, housing, food and nutrition, and technology.

### **410013 Consumer Services**

A one-credit course designed to introduce students to consumer services provided to a client. Concept of roles and functions of individuals engaged in consumer services, advocacy, economic systems, and financial planning and estate planning are included in the course.

### **510021 Child Development**

A one-credit course designed to help students develop skills related to the physical, social, intellectual, and emotional development of children as they explore child development theories and behavior management.

## **Law Enforcement CTE**

### **TBD Introduction to Public Safety**

Introduction to Public Safety is a foundational course that helps students develop the knowledge and skills necessary for success and advancement in specialized preparatory programs for public service jobs. The course emphasizes emergency preparedness, basic first aid, fire management services, legal services, and corrections and law enforcement services. FEMA Independent Study Courses 100, 200, 700, and 800, which are included in this course, are prerequisites for Hazardous Materials and Weapons of Mass Destruction CRI (NFPA 1072).

### **TBD Law Enforcement and Corrections**

Law Enforcement and Corrections is designed to align with the curriculum that many law enforcement academies require and is intended for students who may be interested in pursuing a career in this field. Law Enforcement and Corrections provides an overview of the history, organization, and functions of local, state, and federal law enforcement agencies. Students will examine the role of constitutional law at local, state, and federal levels; the United States legal system; criminal law; law enforcement terminology and procedures; and the classification and elements of crime according to the Criminal Code of Alabama.

### **TBD Advanced corrections**

In Advanced Corrections, students prepare for certification required for employment as a correctional officer. Students will learn the roles and responsibilities of correctional officers; discuss relevant rules, regulations, and laws; and demonstrate defensive tactics, restraint techniques, and CPR and first aid procedures as used in the correctional setting. Students will examine facility safety; demonstrate correctional facility awareness techniques; and analyze rehabilitation methods and alternatives to incarceration.

**TBD Fundamentals of Legal Services**

Fundamentals of Legal Services is designed to develop workplace-readiness skills in the legal field. Students can develop necessary skills to become legal assistants and/or paralegals in law firms; private, corporate, or governmental agencies; or judiciary offices. This course calls upon students to demonstrate reasoning and communication skills, develop research skills, become familiar with office procedures, and engage in additional study of ethics and the justice system.

**Information Technology CTE**

**410019 Computer Management and Support**

A one-credit course that provides students with skills necessary to manage a stand-alone computer on a home network.

**520005 Information Technology Fundamentals**

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.

**520021 Networking I**

A one-credit course designed to provide students with skills involving a hands-on, career-oriented approach to learning networking that includes practical experiences. It is recommended that Information Technology Fundamentals be taken prior to this course.

**520022 Networking II**

A one-credit course designed to provide students will skills involving hands-on learning by installing a router, configuring a server, and performing disaster recovery. **Prerequisite:** Networking I

**520015 Software Development**

A one-credit course designed to provide students with an introduction to the C++ programming language, structured elements of C++, classes, data, abstractions, inheritance, polymorphism, storage management, and a C++ programming environment. It is recommended that Information Technology Fundamentals be taken prior to this course.

**Zone School Electives**

**Note:** The following electives can **ONLY** be taken at your zone school.

- **Athletics Not Offered at MCVA** – identify the sport on the registration form
- **Band** – Marching and/or Concert
- **JROTC**

## Madison County Career Technical Center Courses

All Madison County School Career Technical Center Courses can be found in the [Madison County School System High School Course Catalog and Academic Guide](#) beginning on Page 82.

### Work-Based Learning

Rising Junior and Seniors may register for Work-Based Learning that allows for early release from school for up to two periods per semester. There are several prerequisites to be eligible for the program, including that the student must have a job prior to enrollment. To apply for Work-Based Learning, select it on your registration form and complete the [online application](#). For more information, contact Mrs. Jenkins at the MCCTC at [djenkins@mcssk12.org](mailto:djenkins@mcssk12.org).

## APPENDIX

[Credit Recovery Registration Form](#)

[MCSS Dual Enrollment Application](#)

## 2021-2022 Approved Dual Enrollment Courses

### Calhoun Community College

English				
Course Code	Course Prefix	Community College Course Name	HS Graduation Requirement	HS Credit
903201	Eng 101	English Composition I	English 11 or English 12	1.0
903202	Eng 102	English Composition II	English 12	1.0
Math				

<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
907601	MTH 112	Precalculus Algebra	Math 4 Elective	1.0
907602	MTH 113	Precalculus Trigonometry	Math 4 Elective	1.0
907603	MTH 115	Precalculus Algebra & Trigonometry	Math 4 Elective	1.0
<b>Science</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
901402	BIO 103	Principles of Biology I	Science 3 or 4 Elective	1.0
901403	BIO 104	Principles of Biology II	Science 3 or 4 Elective	1.0
902005	CHM 111	College Chemistry I	Science 3 or 4 Elective	1.0
902006	CHM 112	College Chemistry II	Science 3 or 4 Elective	1.0
901415	BIO 201	Human Anatomy & Physiology I	Science 3 or 4 Elective	1.0
901416	BIO 202	Human Anatomy & Physiology II	Science 3 or 4 Elective	1.0
<b>Social Science</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
905004	HIS 201	United States History I	US History I (Gr 10)	1.0
905005	HIS 202	United States History II	US History II (Gr 11)	1.0
909801	POL 211	American Government	US Government	0.5
902600	ECO 231	Macroeconomics	Economics	0.5
<b>World Languages</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
911600	SPA 101	Intro Spanish I	World Language	1.0
911601	SPA 102	Intro Spanish II	World Language	1.0
<b>Arts Education</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
900600	ART 100	Art Appreciation	Arts Education	1.0
900634	ART 233	Painting	Arts Education	1.0
908200	MUS 101	Music Appreciation	Arts Education	1.0

912403	THR 120	Theater Appreciation	Arts Education	1.0
912405	THR 126	Introduction to Theater	Arts Education	1.0
912406	THR 131	Acting Techniques I	Arts Education	1.0

### Other Electives

911800	SPH 106	Fundamentals of Oral Communications	Elective	1.0
911801	SPH 107	Fundamentals of Public Speaking	Elective	1.0
910200	PSY 200	General Psychology	Elective	1.0
911400	SOC 200	Introduction to Sociology	Elective	1.0

### Career Technical Education - Automotive Technology

Course Code	Course Prefix	Community College Course Name	HS Graduation Requirement	HS Credit
922201	ASE 101	Fundamentals of Automotive Technology	Career Technical	1.0
922202	ASE 112	Electrical Fundamentals	Career Technical	1.0
922203	ASE 121	Braking Systems	Career Technical	1.0
922204	ASE 122	Steering and Suspension	Career Technical	1.0
922206	ASE 130	DriveTrain and Axles	Career Technical	1.0
922209	ASE 162	Electrical and Electronic Systems	Career Technical	1.0

### Career Technical Education - Computer Science

925689	CIS 134	IT Fundamentals	Career Technical	1.0
925618	CIS 171	Linux I	Career Technical	1.0
925638	CIS 214	Security Analysis (CompTIA PenTest+)	Career Technical	1.0
925656	CIS 251	C++ Programming	CTE, Math 4, or Science 3/4	1.0
925666	CIS 270	Cisco CCNA I	Career Technical	1.0
925678	CIS 282	Computer Forensics	Career Technical	1.0

### Career Technical Education - Machine Tool Technology

920602	ADM 101	Precision Measurement	Career Technical	1.0
943111	ADM 111	Manufacturing Safety Practices	Career Technical	1.0
934403	MTT 107	Machining Calculations	Career Technical	1.0
934406	MTT 121	Print Reading	Career Technical	1.0
934417	MTT 138	Milling Lab I	Career Technical	1.0

934424	MTT 147	Introduction to Machine Shop I	Career Technical	1.0
934425	MTT 148	Introduction to Machine Shop I Lab	Career Technical	1.0
934426	MTT 149	Introduction to Machine Shop II	Career Technical	1.0
934427	MTT 150	Introduction to Machine Shop II Lab	Career Technical	1.0
<b>Career Technical Education - Welding Technology</b>				
938601	WDT 108	SMAW Fillet/OFC	Career Technical	1.0
938602	WDT 109	SMAW Fillet/PAC/CAC	Career Technical	1.0
938608	WDT 122	SMAW Fillet/OFC Lab	Career Technical	1.0
938610	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	Career Technical	1.0

\*Various prerequisite options for courses may be required. Speak with college admissions for more information.

<b>Drake State Community &amp; Technical College</b>				
<b>English</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
903201	Eng 101	English Composition I	English 11 or English 12	1.0
903202	Eng 102	English Composition II	English 12	1.0
<b>Math</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
907601	MTH 112	PreCalculus Algebra	Math 4 Elective	1.0
907602	MTH 113	PreCalculus Trigonometry	Math 4 Elective	1.0
<b>Science</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>Community College Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
901402	BIO 103	Principles of Biology I	Science 3 or 4 Elective	1.0
902005	CHM 111	College Chemistry I	Science 3 or 4 Elective	1.0
901415	BIO 201	Human Anatomy & Physiology I	Science 3 or 4 Elective	1.0
901416	BIO 202	Human Anatomy & Physiology II	Science 3 or 4 Elective	1.0
<b>Social Science</b>				

Course Code	Course Prefix	Community College Course Name	HS Graduation Requirement	HS Credit
905004	HIS 201	United States History I	US History I (Gr 10)	1.0
905005	HIS 202	United States History II	US History II (Gr 11)	1.0
<b>Arts Education</b>				
Course Code	Course Prefix	Community College Course Name	HS Graduation Requirement	HS Credit
900600	ART 100	Art Appreciation	Arts Education	1.0
908200	MUS 101	Music Appreciation	Arts Education	1.0
912403	THR 120	Theater Appreciation	Arts Education	1.0

\*Various prerequisite options for courses may be required. Speak with college admissions for more information.

<b>University of AL in Huntsville</b>				
<b>English</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980001aa	EH 101	English Composition I	English 11 or English 12	1.0
980001ab	EH 102	English Composition II	English 12	1.0
<b>Math</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980011aa	MA 112	Precalculus Algebra	Math 4 Elective	1.0
980011ab	MA 113	Precalculus Trigonometry	Math 4 Elective	1.0
980011ac	MA 115	Precalculus Algebra and Trigonometry	Math 4 Elective	1.0
<b>Science</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980021aa	BYS 119	Principles of Biology	Science 3 or 4 Elective	1.0
980021ab	CH 121 & 125	General Chemistry I	Science 3 or 4 Elective	1.0
980021ac	CH 123 & 126	General Chemistry II	Science 3 or 4 Elective	1.0
980021ad	BYS 215	Human Anatomy & Physiology I	Science 3 or 4 Elective	1.0

980021ae	BYS 216	Human Anatomy & Physiology II	Science 3 or 4 Elective	1.0
<b>Social Science</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980031aa	HY 221	United States History I	US History I (Gr 10)	1.0
980031ab	HY 222	United States History II	US History II (Gr 11)	1.0
980031ac	PSC 101	American Government	US Government	0.5
980031ad	ECN 142	Macroeconomics	Economics	0.5
<b>World Languages</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980041aa	WLC 101S	Intro Spanish I	World Language	1.0
980041ab	WLC 102S	Intro Spanish II	World Language	1.0
<b>Arts Education</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980051aa	ARH 1XX	Art Appreciation	Arts Education	1.0
980051ab	ARS 270	Painting	Arts Education	1.0
980051ac	MU 100	Music Appreciation	Arts Education	1.0
980051ad	TH 122	Theater Appreciation	Arts Education	1.0
980051af	TH 221	Acting Techniques I	Arts Education	1.0

\*Various prerequisite options for courses may be required. Speak with college admissions for more information.

<b>Auburn First</b>				
<b>English</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980001aa	ENGL 1103	English Comp I	English 11 or English 12	1.0
980001ab	ENGL 1123	English Comp II	English 12	1.0
<b>Math</b>				

Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980011aa	MATH 1153	Precalculus Algebra	Math 4 Elective	1.0
980011ab	MATH 1133	*Precalculus Trigonometry	Math 4 Elective	1.0
<b>Social Science</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980031ac	POLI 1093	American Government	US Government	0.5
<b>Arts Education</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980051ae	THEA 2013	Introduction to Theater	Arts Education	1.0
980051ac	MUSI 2733	*Appreciation of Music	Arts Education	1.0
All listed courses are taught by Auburn First faculty with the exception of courses denoted by "*". These courses are taught by faculty of Auburn University and are not considered to be a part of the Auburn First curriculum.				

<b>UA Early College</b>				
<b>English</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980001aa	EN 101	First Year Composition I	English 11 or English 12	1.0
980001ab	EN 102	First Year Composition II	English 12	1.0
<b>Math</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980011aa	MATH 112	Precalculus Algebra	Math 4 Elective	1.0
980011ab	MATH 113	Precalculus Trigonometry	Math 4 Elective	1.0
980011ac	MATH 115	Precalculus Algebra and Trigonometry	Math 4 Elective	1.0
<b>Science</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980021af	BSC 108	Introduction to Biology - Cellular	Science 3 or 4 Elective	1.0
980021ag	BSC 109	Introduction to Biology - Human	Science 3 or 4 Elective	1.0
980021aa	BSC 114/115	Principles of Biology I	Science 3 or 4 Elective	1.0

980021ab	BSC 116/117	Principles of Biology II	Science 3 or 4 Elective	
980021ac	CH 104	Introductory Chemistry	Science 3 or 4 Elective	1.0
<b>Social Science</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980031aa	HY 103	United States History I	US History I (Gr 10)	1.0
980031ab	HY 104	United States History II	US History II (Gr 11)	1.0
980031ac	PSC 101	United States Government	US Government	0.5
980031ae	EC 110	Principles of Microeconomics	Economics	0.5
980031ad	EC 111	Principles of Macroeconomics	Economics	0.5
<b>World Languages</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980041aa	SP 101	Intro Spanish I	World Language	1.0
980041ab	SP 102	Intro Spanish II	World Language	1.0
<b>Arts Education</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980051ag	ARH 151	Introduction to Visual Arts I	Arts Education	1.0
980051ah	ARH 252	Survey of Art I	Arts Education	1.0
980051ai	ARH 253	Survey of Art II	Arts Education	1.0
980051aj	JCM 112	Motion Pict. Hyst. & Criti.	Arts Education	1.0
980051ae	THR 114	Introduction to Theater	Arts Education	1.0

\*Various prerequisite options for courses may be required. Speak with college admissions for more information.

<b>UNA Early College</b>				
<b>English</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>

980001aa	*EN 111	First Year Composition I	English 11 or English 12	1.0
980001ab	*EN 112	First Year Composition II	English 12	1.0
<b>Social Science</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980031aa	HI 201	United States History to 1877	US History I (Gr 10)	1.0
980031ab	HI 202	United States History from 1877	US History II (Gr 11)	1.0
980031ac	PS241	United States Government & Politics	US Government	0.5
980031ad	EC 251	Principles of Macroeconomics	Economics	0.5
<b>World Languages</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980041aa	SP 101	Introductory Spanish I	World Language	1.0
980041ab	SP 102	Introductory Spanish II	World Language	1.0
<b>Arts Education</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980051aa	AR 170	Art Appreciation	Arts Education	1.0
980051ac	MU 222	Music Appreciation	Arts Education	1.0

\*Students must meet ACT sub-score prerequisite requirements.

<b>Jacksonville State University</b>				
<b>English</b>				
<b>Course Code</b>	<b>Course Prefix</b>	<b>University Course Name</b>	<b>HS Graduation Requirement</b>	<b>HS Credit</b>
980001aa	EH 101	English Comp I	English 11 or English 12	1.0
980001ab	EH 102	English Comp II	English 12	1.0
<b>Science</b>				

Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980021af	BY 101/BY 103	Introduction to Biology/Lab	Science 3 or 4 Elective	1.0
980021ad	BY 263	Human Anatomy & Physiology I	Science 3 or 4 Elective	1.0
<b>Social Science</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980031ae	EC 221	Principles of Microeconomics	Economics	0.5
980031ad	EC 222	Principles of Macroeconomics	Economics	0.5
<b>World Languages</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980041ac	FH 101	Beginner's French I	World Language	1.0
980041ad	FH 102	Beginner's French II	World Language	1.0
<b>Arts Education</b>				
Course Code	Course Prefix	University Course Name	HS Graduation Requirement	HS Credit
980051aa	ART 202	Art Appreciation	Elective	1.0
<b>Other Electives</b>				
980051ae	DR 242	Introduction to the Theatre	Elective	1.0

Dual Enrollment affords a student the opportunity to enroll in a postsecondary institution while attending high school for the purpose of earning credits toward a high school diploma and/or a post-secondary degree. A student must meet the following requirements to be eligible for participation.

1. Must have completed all required courses for grades 9 and 10.
2. Must have a "B" average in completed high school courses.
3. Must be able to pay tuition.
4. Must provide their own transportation.

All other requirements are discussed in the Madison County School System Academic Guide.

The Madison County School System holds a dual enrollment agreement with the following collegiate institutions: Calhoun Community College, Drake State Community and Technical College, The University of Alabama - Huntsville, Auburn First, and UA Early College. Courses may be held on the campus of the post-secondary institution or taken online. Students are required to provide their own transportation to and from the post-secondary institution.

Students should always communicate with the school counselor or administrator and complete any required paperwork before enrolling in courses.

