

**2023  
2024**



**ATHENS RENAISSANCE  
SCHOOL**

**CURRICULUM GUIDE**

**405 South Street E  
Athens, AL 35611  
(256)771-7147**

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ATHENS, AL 35611**

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**ATHENS RENAISSANCE SCHOOL**

**405 South Street E. Athens, AL 35611  
256-771-7147 Phone / 256-771-7146 Fax**

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# MESSAGE FROM THE PRINCIPAL

Dear Student,

Athens Renaissance School is a K-12 online and blended student-centered school offering personalized educational options for students in Athens and across the Tennessee Valley. An innovative program of Athens City Schools, Athens Renaissance uses a progressive education model to provide your child with the best education possible. Our unique educational approach allows us to tailor an education that is specific to each learner.

Athens Renaissance School uses a variety of customizable curricula developed by some of the best minds in education. These rigorous, content-rich academic programs meet or exceed state standards across all subject areas. Students demonstrate their knowledge and skills through state standardized tests.

As a student at Athens Renaissance, you are partnering with a team of knowledgeable and experienced educators dedicated to supporting students and parents on their pathway to success. Highly qualified teachers work to monitor student progress and content mastery while providing professional insight, instruction and support. Our administrative staff is committed to the success of every student.

We know that choosing the best learning experience for your child is an important decision. We encourage you to learn more about our program and how it can benefit your child. Our dedicated staff is here to assist you as you go through this exciting endeavor. We invite you to stop by and meet us. On behalf of everyone at Athens Renaissance School, welcome to the beginning of an educational journey that is uniquely yours.

Sincerely,

A handwritten signature in black ink, appearing to read "Nelson Brown", with a long horizontal flourish extending to the right.

Nelson Brown, Principal

# ATHENS CITY SCHOOLS

## **MISSION STATEMENT**

*Our mission is to be a progressive, high-quality school system that connects students and their families to a caring, traditional community.*

## **BELIEF STATEMENTS**

1. We believe all students can learn.
2. We believe it is important for students to attend school every day and in a safe, secure, and supportive environment.
3. We believe technology is a progressive learning tool for students to reach their greatest potential and provides equity for student outcomes.
4. We believe every student deserves a rigorous, relevant, and engaging learning experience including extracurricular and fine arts experiences.
5. We believe students are valued individuals, and our system will respect and empower them to reach their greatest learning potential.
6. We believe every student is inherently unique and diversity enhances learning.
7. We believe it is important for every student to develop a sense of personal and community responsibility and for the system to promote community service opportunities.
8. We believe honesty and open communication are vital for healthy relationships.
9. We believe passionate teachers have the greatest impact on learning.
10. We believe that school staff should be connected with students and families outside the classroom because learning is a shared responsibility for which school, home, student, and community are accountable.
11. We believe leadership at every level matters.
12. We believe our system is tradition-rich and future-focused in preparing our students for a global society.

## **PROCESS OF SCHEDULING**

The Semester Block Schedule is based on students taking three or four courses in the fall and three or four different courses in the spring. Generally, students are scheduled for courses so that at least two academic required core courses are taken each semester. Students will register for a math, science, English and history course each year. Students commit to completion of an 18 week and/or 9 week courses respectively. This schedule is the typical course selection for Blended 2/Virtual 11th and 12th graders.

The Traditional Schedule is based on students taking a minimum of six courses that will span over an entire school year. Students will register for a math, science, english and history course each year. Students commit to completion of 36 week and/or 18 week courses respectively. This schedule is the typical course selection for all Blended 1 students and Blended 2/Virtual 9th and 10th graders.

## **NON-DISCRIMINATORY STATEMENT**

It is the policy of Athens City Board of Education not to discriminate on the basis of sex, color, handicap, religion, creed, national origin, race, or age in its educational programs, activities, or employment policies as required by Federal Regulations. Inquiries or complaints regarding compliance with Federal Regulations may be directed to Title IX, Title VI, and 504 Coordinator, 455 US Hwy. 31 N, Athens, AL 35611 (256) 233-6600

# ARS ONE PAGE INSTRUCTIONAL TARGET

## **Content Planning**

ARS educators will utilize digital resources and plan project-based learning activities that meet content standards.

ARS educators will intentionally collaborate about academic standards and essential skills across all content areas.

ARS educators will create personalized learning plans for students.

ARS students will demonstrate an understanding of grade-level content standards.

ARS students will share their interest for the development of learning activities.

ARS parents will become familiar with grade-level content standards.

ARS parents will provide information about how their students learn best.

## **Instruction**

ARS educators will work to create relevant and real-world connections in blended learning experiences.

ARS educators will promote problem solving, communication, perseverance and student discovery in learning experiences.

ARS educators will present content to guide students to discover connections across content areas.

ARS students will demonstrate proficiency in concepts through student-led instruction.

ARS students will regularly dialogue with teachers for instructional feedback.

ARS parents will participate in training opportunities that will optimize their ability to assist and monitor their students in the learning process.

ARS parents will commit to providing adequate assistance while allowing students to demonstrate their ability.

## **Assessment For Learning**

ARS educators will dialogue with students regarding progress toward learning targets.

ARS educators will provide students with multiple means of demonstrating proficiency of concepts.

ARS educators will ensure all forms of assessment are aligned to content standards and essential skills.

ARS students will demonstrate proficiency with priority standards.

ARS students will be accountable in assessing their own learning and developing future learning goals.

ARS parents will understand the process and expectations for assessment.

ARS parents will participate with students and educators in dialogue regarding progress toward learning targets.

## **Community Building**

ARS educators will collaborate to promote caring, respectful, and equitable learning environments.

ARS educators will provide regular opportunities for families to engage in community and school partnership experiences.

ARS educators will build meaningful relationships to empower their students.

ARS students will respectfully and willingly participate in learning experiences and work hard to meet learning goals.

ARS students will engage in local, regional and global partnerships that build relationships.

ARS parents will actively participate in school activities and community events that offer learning opportunities.

ARS parents will share their expertise from career fields.

## PLANNING AND POLICIES

### **Project-Based Learning (PBL)**

A teaching method that engages students actively in learning by asking them to investigate an interesting and complex question, problem or challenge and then to create something in response. May be done individually, in teams or by class. Due to the nature of the coursework, students choosing to register for the B1 Platform will be expected to remain in those classes for an entire semester.

### **Advanced Placement (AP)**

The Advanced Placement (AP) Program is a cooperative educational endeavor of secondary schools, colleges, and the American College Board. AP courses are recognized by colleges and universities which grant credit, advanced placement, or both to students who have performed satisfactorily on AP Exams. ARS offers a wide range of Advanced Placement courses and administers AP exams in May of each year. Because of their academic rigor, AP courses are assigned a weighted grade. In order to receive the weighted grade, a student must take the AP test and attend required study sessions. Students and parents should be very sensitive to the demanding nature of AP courses. Reading and writing expectations for the classes are extensive. It is highly recommended that a student consults with the college of choice, as college credit may be earned by scoring a 3, 4, or 5 on the exam. The Advanced Placement courses offered at ARS are art history, biology, calculus AB, computer science A, English language, English literature, macroeconomics, psychology, statistics, environmental science, US government, and US history II.

Students are expected to take the National AP Exam as part of the course's curriculum. The testing fee is approximately \$100.00 for each course. The AP testing fee must be paid by September 1 each year for **all** AP courses. This includes courses only offered during the Spring semester. If a student decides to drop an AP course, he/she waives the right to a refund of the testing fee.

### **Honors**

Honors courses place a high degree of emphasis on the student's self-motivation, study skills, and work at a fast pace. The curriculum is covered at an accelerated rate and provides students opportunities to take advanced level courses in English, Spanish, math, science, and social sciences. These courses include enrichment activities, extra projects, research, and/or laboratory experiences. Honors courses are noted in the course description and receive Honors weighted credit per the current grading scale. Project Lead the Way courses are recognized as honors courses as are levels three and four in foreign language.

### **Dual Enrollment**

Dual Enrollment/Dual Credit allows eligible high school students to enroll in college classes concurrently with high school classes to receive both high school and college credit. Students are responsible for all fees, tuition, transportation and other related expenses for dual enrollment. The student must be in the 10<sup>th</sup>, 11<sup>th</sup> or 12<sup>th</sup> grade and the student must have a "B" average overall in high school core courses. The student must have written approval of the principal **prior** to college registration. The student must meet the entrance

requirements established by the participating college/post-secondary institution. Students must successfully pass three semester credit hours at the post-secondary level in the same or related subject. Dual enrollment courses are offered with many post-secondary institutions. Calhoun Community College, Wallace State Community College, University of Alabama, Auburn University, University of North Alabama and University of Alabama/Huntsville are just a few of the colleges and universities that have dual enrollment agreements.

### **Limestone County Career Technical Center**

Students taking Career/Technical classes may apply to attend the Limestone County Career Technical Center for courses. Since the Career Technical Center is located off campus, transportation from Athens Renaissance School to and from the Career Technical Center will be the responsibility of the students and their parental guardians. Please note that students are expected to attend classes daily and the school start date / calendar may be different from that of Athens City Schools. LCCTC runs on the Limestone County Schools Calendar. In order to emphasize the importance of career planning, we would like students to seriously consider selecting courses within one of the following Career Clusters that will complement their academic experience: Agriculture, Food, and Natural Resources; Architecture and Construction; Arts, Audio/Visual Technology, and Communications; Business Marketing; Education and Training; Government and Public Administration; Health Science; Hospitality and Tourism; Human Services; Information Technology; Manufacturing; Science, Technology, Engineering and Mathematics; and Work-Based Learning. Within each cluster, students will choose a pathway and a program. Each program consists of course sequences that may be completed along with suggested supporting courses to help you select the best classes for your career goals. Due to the nature of the coursework, students choosing to register for LCCTC courses will be expected to remain in those classes for an entire semester.

### **ACCESS Distance Learning**

ACCESS provides students with additional educational opportunities by offering a wide range of course options that are not available through ARS. Courses are taught by certified teachers through an online course module where assignments, online texts and messages are posted. In general, to be successful in an ACCESS course, you will need to be an independent learner, a good time manager, and an effective communicator. ACCESS courses may start earlier than typical ARS courses. ACCESS typically follows the Madison City Schools Calendar. ACCESS is run by the Alabama State Department of Education. Students may view a course listing, course description, etc. online at <https://accessdl.state.al.us/courses>. ACCESS courses should be requested through your counselor. Students must make appointments with the ACCESS facilitator to schedule tests and all tests must be taken at ARS. Please do not sign up for ACCESS courses unless you are fully committed to finishing the rigorous course.

### **Schedule Changes**

Extreme care must be exercised in the selection of courses. To provide the greatest probability for students to receive requested courses, students are given an opportunity to review the ARS Curriculum Guide and complete PowerSchool Student Registration. Students will have up to 3 weeks from the first day of the semester to change pathways. Students will not be allowed to change pathways past the 3 week point. PS student registration indicates a commitment to completion of the course requested. Students will have a registration window to complete these forms and register online. Once that window of time is up (typically 6 weeks into the semester) a student will not be allowed to drop the course. A **\$10 fee** will be assessed for a course change unless there has been an administrative error. The fee must be paid before the changes will be made to the schedule. All requests for changes will be done in writing by the parent through a course change form. This form may be found on the ARS website under the resources tab. Form and fee receipt should be given to the counselor. Once a schedule is assigned, students commit to course completion as defined in the student schedule.



### **Early Completion**

Students have the option of completing their coursework early. To qualify students must have a minimum of 18 total credits that meet the required coursework by the end of the junior year as well as attain a “College and Career Readiness Indicator” (see below) prior to exiting early. Students participating in early completion are only allowed to participate in their graduation ceremonies, senior awards breakfast, and prom. No student who completes in December will be allowed to participate in any other extracurricular activity after completion of their coursework. Students must meet with their counselor to plan for this option. Early completion forms signed by the student and parent are required prior to Fall semester of their senior year. This form must be given to the guidance counselor. Students must also complete the FAFSA and Civics Test requirements before exiting in December.

### **College and Career Readiness Indicators**

To be considered “College and Career Ready” by the Alabama State Department of Education, a high school student must meet one of the following criteria:

1. Make a qualifying score on the AP exam (score of 3, 4, or 5)
2. Make a benchmark score in at least one area of the ACT with Writing Exam
3. Receive dual enrollment credit from a college or post-secondary institution
4. Enlist in the military (enlistment documentation on file)
5. Make a benchmark score on the WorkKeys Exam (Silver or above; 4 or above on all three subtests)
6. Receive a CTE Career Readiness Indicator Credential
7. Receive completer status through CTE pathway (3 courses under the same CTE program)

### **ACT with Writing**

All students enrolled in grade 11 will take the ACT with Writing. Scores from this test may be used for college admission. Benchmark scores for the ACT are as follows:

English 18	Reading 22	Math 22	Science 23
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### **WorkKeys**

All students enrolled in grade 12 will take a job skills assessment to determine career readiness in specific job-related areas. This assessment is required of twelfth grade students, even if they chose to do Early Completion and finish their course work in December. A benchmark score on this assessment is a Silver or above (Score of 4 or higher on all 3 subtests).

### **Transfer Students**

Students who transfer to Athens City Schools must complete all state mandated minimum graduation requirements and any additional local graduation requirements. Transfer students who have a weighted transcript are asked to provide the registrar with the grading policy from the former school(s), so that the transcript may be entered seamlessly.

### **Graduation Participation**

The goal of Athens Renaissance School is to prepare all students for college and/or career pathways utilizing individualized four-year high school plans built for each student based on the results from academic and career interest assessments and middle school course work. Students must be enrolled full time at Athens Renaissance School. Students should take a math, English, science and social studies course each year. Students may not take a lower level course than one already completed. Athens Renaissance School conforms to U.S. and Alabama Laws, ALSDE Administrative Code, and ACS Policies. The Athens Renaissance

administrative team will be happy to meet with parents and students on the importance of following ARS requirements.

### Graduation Requirements

In order to receive an Athens Renaissance High School Diploma, all students are expected to complete the following core curriculum and selected electives:

- 1) The required 24 credits as listed on page 12-14 below
- 2) Students must take and pass the Civics Exam, required by the ALSDE with a grade of 60 or higher. If a failing score is received on the first attempt, the student is required to retake the exam a second time.
- 3) Students are expected to complete one of the seven College and Career Readiness Indicators.
- 4) Students are required to complete the FAFSA application or FAFSA Opt Out Form.
- 5) Students are required to participate in the state administered Workkeys Testing during senior year.

### Endorsements

Students may enhance their academic experience by pursuing two additional diploma endorsements: Career Technical and/or Advanced Academic. To receive a Career Technical Endorsement students will need to complete three credits in a sequenced program of CTE study. To receive an Advanced Academic Endorsement, students must complete Algebra II w/Statistics or higher, two credits in the same foreign language, and one credit of AP or Dual Enrollment coursework. Students may earn both the Advanced Academic and the Career Technical Endorsements concurrently.

### NCAA Requirements for College Athletes

All prospective student-athletes intending to enroll in an Ncaa Division I or II institution must register with the NCAA Clearinghouse at the end of their junior year. Not all courses offered by Athens Renaissance School will meet NCAA eligibility requirements. It is the student's responsibility to review the requirements, schedule classes accordingly, and make sure the NCAA Initial-Eligibility Clearinghouse has the documents to certify eligibility. Courses taken through the Credit Recovery Program are not accepted by the NCAA Eligibility Center. For further information and NCAA forms, students are encouraged to talk with their coaches, counselors, or the athletic director. Students are required on campus 2 days a week for direct instruction. Students should sign in each day. Please visit <http://www.ncaa.org/student-athletes/future/how-register> for detailed information and instructions.

### Grading Scale

<i>Letter</i>	<i>Numerical Grade</i>	<i>Grade Point Average</i>	<i>Honors/Dual</i>	<i>AP</i>
<i>Grade</i>	<i>(100 Point Scale)</i>	<i>(4 Point Scale)</i>	<i>(4.5 Point Scale)</i>	<i>(5 Point Scale)</i>
<b>A</b>	100-90	4.00	4.50	5.00
<b>B</b>	89-80	3.00	3.50	4.00
<b>C</b>	79-70	2.00	2.50	3.00
<b>D</b>	69-60	1.00	1.50	2.00

F	59 and Below	0.00	0.00	0.00
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### Grade Point Average (GPA) Scale

Students electing to participate in rigorous courses such as Honors, Advanced, Dual Enrollment, Advanced Placement (AP), or are given additional weight. The weighting of the GPA is designed to encourage students to enroll in more advanced courses. The grades for approved advanced courses will be weighted as follows:

1. A dual enrollment grade on the college transcript is not weighted. The weighted GPA is recorded on the student's high school report card and transcript.
2. PLTW (Project Lead the Way) courses and 3rd/4th levels of foreign languages are considered the equivalent of an honors course with weight added.
3. The weighted grade is used in calculating the Grade Point Average.
4. ARS is a non-ranking school and does not recognize Valedictorian or Salutatorian

### ARS Grading Explained

Final grades are solely determined by the grade earned at the end of a course. Athens Renaissance School believes that students can achieve mastery at various times throughout the duration of a course. Therefore, quarterly grades are viewed as a snapshot of students' progress at that given time. Grades from each quarter are not "averaged" together at the end of the course. Instead, students maintain a running and ongoing "progress grade."

### Credit Recovery

In accordance with Alabama State Department of Education guidelines, ARS offers students who have received failing grades in any core courses that are required for graduation an opportunity to recover the lost credit through a standards-based approach that targets specific knowledge and skill deficits instead of requiring the student to repeat the entire course. Such students must meet eligibility requirements to apply, and the credit recovery program is operated under board-approved and established guidelines. Instruction is delivered through computer-based instructional software and may also include targeted instruction supervised and managed by a teacher certified in secondary education.

Students who complete their individualized remediation plans by demonstrating minimal proficiency in all required standards will receive a grade of **70** for the recovered course credit. For students who fail to complete the remediation plan by demonstrating minimal proficiency in all required standards, there will be no grade change and no recovered credit for the failed course. It should be noted that Credit Recovery courses will not be accepted through the NCAA Clearinghouse.

### Parent Portal and Student Accounts

Parents will receive information regarding accessing student records online at the beginning of the school year.

### Virtual Course Opportunities

Virtual courses are facilitated through online instruction. Virtual courses are required to contain the content identified in the corresponding Alabama Course of Study. Virtual students should be self-motivated, possess time-management skills and be able to work independently. Students will work on online lessons, projects, and assignments at home or elsewhere, only periodically meeting with teachers. Virtual students are encouraged to follow the Athens Renaissance School website and social media outlets to stay "tuned in" to dynamic learning experiences.

**Blended Course Opportunities**

Blended courses are facilitated through both online instruction and in-person instruction. Students will work online and will regularly meet with teachers to review their learning progress, discuss their work, ask questions, and receive assistance.

**Truancy**

Students who have unexcused absences from their scheduled in-person sessions and/or who are not on pace with their online coursework by more than 10 days during a semester could be considered truant. An attendance officer shall be notified of truant students. Suspension of current driver's licenses/learner's permits for students 16 years and older who withdraw or who fall in a truant category, may be reported by the school authorities to the Department of Public Safety. The Department of Public Safety shall notify such persons that their driver's licenses/learner's permits will be suspended on the 30th day following notification unless re-enrollment occurs or one of the other conditions is documented. Students and/or parents/custodians should contact their school principal for additional information prior to making an application to the Department of Public Safety for driver's license/learner's permit.

# GRADUATION REQUIREMENTS ATHENS RENAISSANCE SCHOOL

English.....	4 credits
Mathematics .....	4 credits
<i>Geometry with Data Analysis (Geometry for class of 2023 or before)</i>	
<i>Algebra I with Probability (Algebra I for class of 2023 or before)</i>	
<i>Algebra II with Statistics (Alg. II or Alg. II w/trig for class of 2022)</i>	
<i>Approved Math Course</i>	
Social Studies .....	4 credits
<i>World History</i>	
<i>US History 10</i>	
<i>US History 11</i>	
<i>American Government/Economics</i>	
Science .....	4 credits
<i>Biology</i>	
<i>Physical Science (Physical Science or Chemistry)</i>	
<i>2 Approved Core Science Elective Courses</i>	
Physical Education .....	1 credit
<i>Beginning Kinesiology (LIFE PE for class of 2023 or before)</i>	
<i>Marching Band</i>	
<i>JROTC</i>	
Health .....	0.5 credit
Career Preparedness .....	1 credit
CTE and/or Foreign Language and/or Arts Education.....	3 credits
Electives .....	2.5 credits
<b>TOTAL UNITS REQUIRED .....</b>	<b>24 credits</b>

**GRADUATION REQUIREMENTS  
ATHENS RENAISSANCE SCHOOL  
HONORS ENDORSEMENT**

A student who takes the following courses in addition to the required graduation curriculum will graduate with “Honors” and will have such designation noted on his/her diploma, official transcript, and graduation commencement program.

English.....	4 credits
Mathematics .....	4 credits
<i>Student must earn a Carnegie Credit from Alg. II w/ Statistics or Honors Alg. II w/ Statistics</i>	
Social Studies .....	4 credits
<i>World History</i>	
<i>US History 10</i>	
<i>US History 11</i>	
<i>American Government/Economics</i>	
Science .....	4 credits
<i>Biology</i>	
<i>Physical Science (Physical Science or Chemistry)</i>	
<i>2 Approved Core Science Elective Courses</i>	
Physical Education .....	1 credit
<i>Beginning Kinesiology (LIFE for class of 2023 or before)</i>	
<i>Marching Band</i>	
<i>JROTC</i>	
Health .....	0.5 credit
Career Preparedness .....	1 credit
CTE and/or Foreign Language and/or Arts Education .....	1 credit
Foreign Language .....	2 credits
<i>Student must earn two (2) Carnegie Units in <b>any one</b> foreign language</i>	
AP and/or Dual Enrollment Courses .....	1 credit
Electives.....	1.5 credit
<b>TOTAL UNITS REQUIRED .....</b>	<b>24 credits</b>

**GRADUATION REQUIREMENTS**  
**ATHENS RENAISSANCE SCHOOL**  
***Career Technical Endorsement***

English.....	4 credits
Mathematics .....	4 credits
<i>Geometry with Data Analysis (Geometry for class of 2023 or before)</i>	
<i>Algebra I with Probability (Algebra I for class of 2023 or before)</i>	
<i>Algebra II with Statistics (Alg. II or Alg. II w/trig for class of 2022)</i>	
<i>Approved Math Course</i>	
Social Studies .....	4 credits
<i>World History</i>	
<i>US History 10</i>	
<i>US History 11</i>	
<i>American Government/Economics</i>	
Science .....	4 credits
<i>Biology</i>	
<i>Physical Science (Physical Science or Chemistry)</i>	
<i>2 Approved Core Science Electives Courses</i>	
Physical Education .....	1 credit
<i>Beginning Kinesiology (LIFE for class of 2023 or before)</i>	
<i>Marching Band</i>	
<i>JROTC</i>	
Health .....	0.5 credit
Career Preparedness .....	1 credit
CTE and/or Foreign Language and/or Arts Education .....	3 credits
<i>Students choosing CTE are encouraged to complete three courses in sequence and obtain a credential in the field.</i>	
Electives .....	2.5 credits
<b>TOTAL UNITS REQUIRED .....</b>	<b>24 credits</b>

# LEARNING PLATFORM OPPORTUNITIES

<p><b>Classical Kindergarten</b></p>	<p>Classical Kindergarten students will build fundamental literacy and mathematical skills while attending on campus learning. Students will focus on the concept of print, phonological awareness, phonics, and fluency while reinforcing foundational skills. Students will also participate in project based learning along with blended students.</p> <ul style="list-style-type: none"> <li>• Required on-campus attendance 4 days a week - Monday-Thursday (8:00-2:00)</li> <li>• Available only for kindergarten - limited number of seats</li> <li>• On campus learning, whole group, small group, intervention - limited at home virtual learning</li> <li>• Direct Instruction - hands-on learning for foundational reading and mathematics skills</li> <li>• Project based learning</li> </ul>
<p><b>Blended 1.0 (Grades K-12)</b></p>	<p>This pathway is for students seeking on-campus interactive and hands-on opportunities. The blended 1.0 pathway combines project based learning experiences with real world application.</p> <ul style="list-style-type: none"> <li>• Project based learning (Most popular pathway!)</li> <li>• Direct Instruction</li> <li>• Small Group and Intervention Opportunities</li> <li>• Online support through teacher messaging and video conferencing</li> <li>• <b>On-site attendance required</b></li> </ul>
<p><b>Blended 2.0 (Grades 6-12)</b></p>	<p>For students interested in online lessons with on campus teacher support</p> <ul style="list-style-type: none"> <li>• Online Lessons</li> <li>• Online support through teacher messaging and video conferencing</li> <li>• On-site tutoring and mini lessons</li> <li>• <b>On-site attendance required</b></li> </ul>
<p><b>Virtual 1.0 (Grades K-12)</b></p>	<p>For students interested in online lessons with virtual teacher support</p> <ul style="list-style-type: none"> <li>• Online lessons, projects, and assignments</li> <li>• Online support through teacher messaging and video conferencing</li> <li>• <b>Weekly virtual zoom sessions with teacher required - camera must be on</b></li> </ul>
<p><b>Virtual 2.0 (Grades 4-12)</b></p>	<p>For students seeking an independent virtual learning experience</p> <ul style="list-style-type: none"> <li>• Online lessons, projects, and assignments</li> <li>• Online support through teacher messaging and video conferencing on an as needed basis</li> </ul>
<p><b>Propel (Grades 9-12)</b> <i>NEW!</i></p>	<p>For students seeking a “fast track” to graduation with an online curriculum and onsite teacher support</p> <ul style="list-style-type: none"> <li>• Online, pre-built lessons</li> <li>• Online support through teacher messaging and video conferencing</li> <li>• Individualized on-site check in and support</li> <li>• Predetermined courses</li> </ul>
<p><b>Bridge Program (Grades K-8)</b> <b>*8:00-3:15</b></p>	<p>For students that need additional on-site supervision beyond the required instructional time</p> <ul style="list-style-type: none"> <li>• Student mentor supervision</li> <li>• Assistance with assignments</li> <li>• Recreational activities and games</li> <li>• \$5 per day on pathway scheduled day</li> </ul>



# COURSE OFFERINGS

## ARS ELEMENTARY

### GRADES K-5

At the elementary level, all students participate in mathematics, English language arts, science, social studies and physical education (PE) courses for the entire school year. Honors/advanced courses are not offered in elementary school.

## ARS MIDDLE SCHOOL

### GRADE 6

#### GRADE 6 LANGUAGE ARTS

Course Code - 01034G0606

This course provides students with opportunities to develop in the areas of reading, writing, listening, speaking, discussion, and reflection. Reading strategies, critical thinking skills, vocabulary building, and a focus on writing comprise the main elements of this course.

#### GRADE 6 MATHEMATICS

Course Code - 02036G0606

This course provides students with opportunities to participate in inquiry and project based learning activities for a deeper understanding of Proportional Reasoning, Number Systems and Operations, Algebra and Functions, Data Analysis, Statistics, and Probability, and Geometry and Measurement.

#### GRADE 6 EARTH AND SPACE SCIENCE

Course Code - 03010G0606

This course provides students with opportunities to participate in inquiry and project based learning activities for a deeper understanding of three core ideas of Earth and Space Science: Earth's Place in the Universe, Earth's Systems, and Earth and Human Activity. In this course, students will be encouraged to make inquiries regarding Earth and Space Science and relate them to the world around them.

**GRADE 6 AMERICAN HISTORY**

Course Code - 04436G0606

This course provides students with opportunities to closely examine major changes brought about by the nation's reconstruction, industrialization, urbanization, and progressive reforms and will consider the implications each of these events had on the expansion of the United States' global influence through modern times.

**GRADE 7****GRADE 7 ENGLISH LANGUAGE ARTS or GRADE 7 HONORS ENGLISH LANGUAGE ARTS**

Course Code - 01035G0707 OR - 01035H0707

This course provides students with the opportunity to develop skills that will require students to analyze fiction and nonfiction texts, construct clear and coherent writing. Students will engage in collaborative discussions and presentations through project-based learning experiences.

**GRADE 7 MATHEMATICS**

Course Code - 02037G0707

This course allows students to participate in inquiry and project based learning activities for a deeper understanding of Proportional Reasoning, Number Systems and Operations, Algebra and Functions, Geometry and Measurement, and Data Analysis, Statistics and Probability.

**GRADE 7 ACCELERATED MATHEMATICS**

Course Code - 02037H0707

This accelerated paced course allows students the opportunity to participate in inquiry and project based learning activities for a deeper understanding of proportional reasoning, number systems, Algebra and Functions, Geometry and Measurement, Data Analysis, Statistics, and Probability. *This course should be taken in conjunction with Grade 8 Accelerated math if students are interested in taking the advanced math track in high school.*

**GRADE 7 LIFE SCIENCE**

Course Code - 03237G0707

This course provides students with opportunities to develop an appreciation of the importance of diversity of life, while simultaneously understanding the impact of their roles as individuals in the community of life. This course will provide opportunities to participate in laboratory experiments and inquiry activities for a deeper understanding of the concepts.

**GRADE 7 CIVICS**

Course Code - 04161G0707

This course provides students with a well-rounded understanding of how the United States functions as a country.

**GRADE 7 GEOGRAPHY**

Course Code - 04001G0707

This course allows students to develop critical thinking and problem solving skills as they investigate the physical geography, climate, economy, culture, political systems and demographics of modern countries in the western hemisphere, South Pacific, Western Europe, and Asia.

**GRADE 8****GRADE 8 ENGLISH LANGUAGE ARTS or GRADE 8 HONORS ENGLISH LANGUAGE ARTS**

Course Code - 01036G0808 or - 01036H0808

This course provides students with opportunities to engage effectively in a range of collaborative discussions with diverse partners on various topics, texts, and issues, building on others' ideas and expressing their own clearly.

**GRADE 8 MATHEMATICS**

Course Code - 02038G0808

This course provides students with opportunities to participate in inquiry and project based learning activities for a deeper understanding of Number Systems and Operations, Algebra and Functions, Geometry and Measurement, and Data Analysis, Statistics, and Probability.

**GRADE 8 ACCELERATED MATHEMATICS**

Course Code - 02038H0808

This course provides students with opportunities to participate in inquiry and project based learning activities for a deeper understanding of Number Systems and Operations, Algebra and Functions, Geometry and Measurement, and Data Analysis, Statistics, and Probability with a focus on quadratic relationships. *This course should be taken in conjunction with Grade 7 Accelerated math if students are interested in taking the advanced math track in high school.*

**GRADE 8 PHYSICAL SCIENCE**

Course Code - 03011G0808

This course provides opportunities for students to engage in laboratory experiments and inquiry activities for a deeper understanding of atoms and bonding, chemical reactions, Newton's laws of motion, potential and kinetic energy, and mechanical and electromagnetic waves.

### **GRADE 8 WORLD HISTORY**

Course Code - 04051G0808

This course provides opportunities for students to develop a deep understanding of world history beginning with prehistoric man and continuing to the year 1500. It covers the migrations of early people, the rise of civilizations, the establishment of governments and religions, the growth of economic systems, and the ways in which these events shaped Europe, Asia, Africa, and the Americas. Areas covered throughout the course include economics, geography, history, and political science.

## **GRADES 6-8 REQUIRED ELECTIVES**

Semester 1 - Electives are assigned based on grade level.

Semester 2 - Students choose between Physical Education and Sports Team Participation.

### **GOOGLE ED FOR STUDENTS (SEMESTER 1 - GRADE 6)**

Course Code - 23993X06GE

This is a project-based online video curriculum that teaches practical digital skills for real-life application. Students are given meaningful challenges to help them solve real-world problems. Students will follow instructional videos that guide them to create their own project from scratch using applications like Google Docs or Google Sheets and other Google Suite programs.

### **COMMUNICATION ESSENTIALS (SEMESTER 1 - GRADE 7)**

Course Code - 23993X06CE

Students will participate in activities preparing them to speak effectively. Students will gain confidence, poise, and self-esteem. This course will include practice in vocal skills, organization, persuasion, and argument. Activities will include informative and persuasive speeches, readings from literature, and an introduction to debate.

### **COMPUTER SCIENCE DISCOVERIES (SEMESTER 1 - GRADE 8)**

Course Code - 10012G1000

The course takes a wide lens on computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students are empowered to create authentic artifacts and engage with CS as a medium for creativity, communication, problem solving, and fun.

**PHYSICAL EDUCATION (SEMESTER 2)**

Course Code - 08037G0708

Students who select this PE option should submit a PE Log each week during the semester in which they are enrolled in PE. This log should record two and a half hours of physical activity and must be signed by a parent.

**SPORTS TEAM PARTICIPATION (SEMESTER 2)**

Course Code - 08003G1000

Students who select this PE option should submit a letter from an athletic coach stating the type of training with a minimum of 2.5 hours weekly activity.

Note: Any middle school student participating in an Athens City Schools' sport will receive an Athletic PE grade from AMS. Students in this category are not required to complete the above option during the particular 9 week period that the sport is in session.

**GRADES 6-8 OPTIONAL ELECTIVES****INTRODUCTION TO MIDDLE SCHOOL BAND (YEAR LONG)**

Course Code - 05105G10JZ

Novice level course designed for beginning music students to experience instrumental music in a concert setting. Students must provide their own instrument.

**MIDDLE SCHOOL CONCERT BAND (YEAR LONG)**

Course Code - 05105G10JZ

This course is designed for second or third year music students to experience instrumental music in a concert setting. Students must provide their own instrument.

# ARS HIGH SCHOOL

## ENGLISH (GRADES 9-12)

### ENGLISH CORE

Summer reading and assignments may be required and due the first day of the fall semester. Students should obtain a reading list and assignment directions from a member of the English department or from the school website.

Course Number	Course Name	Credit
01001G1000	English 9	1
01001H1000	Honors English 9	1
01002G1000	English 10	1
01002H1000	Honors English 10	1
01003G1000	English 11	1
01003H1000	Honors English 11	1
01005H10AP	AP English 11 – Language and Composition (ACCESS)	1
01005H10AP	English 12	1
01004H1000	Honors English 12	1
01006H10AP	AP English 12 – Literature and Composition (ACCESS)	1

### ENGLISH ELECTIVES

Course Number	Course Name	Credit
01104G10CW	Creative Writing (ACCESS)	1

#### ENGLISH 9

**Course Code: 01001G1000**

**1 Credit**

**Prerequisite: None**

The purpose of this course is to expose students to a variety of fundamental learning opportunities that focus on the development of literature appreciation, formal grammar skills, reading composition, and world literature with an emphasis on english language, reading informational text, public speaking and various academic writing types.

### HONORS ENGLISH 9

**Course Code: 01001H1000**

**1 Credit**

**Prerequisite: None**

The purpose of this accelerated paced course is to expose students to a variety of advanced fundamental learning opportunities that focus on the development of literature appreciation, formal grammar skills, reading composition, and world literature with an emphasis on english language, reading informational text, public speaking and various academic writing types. **This course earns an additional .5 quality point of weighted credit.**

### ENGLISH 10

**Course Code: 01002G1000**

**1 Credit**

**Prerequisite: None**

The course is designed to strengthen the student's background and foster creativity through the interpretation of early American literature from the beginning to 1900 by enhancing listening, speaking, reading, and writing skills. This course emphasizes reading comprehension and grammar.

### HONORS ENGLISH 10

**Course Code: 01002H1000**

**1 Credit**

**Prerequisite: None**

The course is designed to strengthen the student's background and foster creativity through the interpretation of early American literature from the beginning to 1900 by enhancing listening, speaking, reading, and writing skills. This course emphasizes reading comprehension and grammar at an advanced level. **This course earns an additional .5 quality point of weighted credit.**

### ENGLISH 11

**Course Code: 01003G1000**

**1 Credit**

**Prerequisite: None**

A course that links the concepts of listening, speaking, reading, and writing in practical ways. Students will conduct research projects, read classic literary works, and prepare projects that promote a deeper

understanding of American literature from 1900 to the present. Independent reading of classic and current American authors, a Shakespearean play, composition, grammar and vocabulary will be incorporated.

### HONORS ENGLISH 11

**Course Code: 01003H1000**

**1 Credit**

**Prerequisite: None**

A course that links the concepts of listening, speaking, reading, and writing in practical ways. Students will conduct research projects, read classic literary works, and prepare projects that promote a deeper understanding of American literature from 1900 to the present. Independent reading of classic and current American authors, a Shakespearean play, composition, grammar and vocabulary will be incorporated. This course progresses at a fast and rigorous speed. **This course earns an additional .5 quality point of weighted credit.**

### ADVANCED PLACEMENT (AP) ENGLISH 11 - LANGUAGE AND COMPOSITION

**Course Code: 01005H10AP**

**1 Credit**

**Prerequisite: None**

**Fee: Cost of AP Test (approx. \$100)**

This course covers the study of advanced composition, including detailed study of rhetoric and style. The focus will be on American literature with comparisons to world literature selections. This course focuses on analysis of rhetorical devices in nonfiction writings, application of logic, research, and college-level essay reading and writing. Students are expected to take the AP Exam. This course is offered only as a year long course. *This course may be taught as an ACCESS course and may fulfill the AP component of the honors endorsement.* **This course earns an additional 1.0 quality point of weighted credit.**

### ENGLISH 12

**Course Code: 01004G1000**

**1 Credit**

**Prerequisite: None**

The purpose of this course is to provide opportunities for students to actively engage in practice that links the concepts of listening, speaking, reading, and writing activities designed to further develop thinking and problem-solving abilities. Students analyze and evaluate literature in order to gain an insight into the cultures that developed into the British Empire.

### HONORS ENGLISH 12

**Course Code: 01004H1000**

**1 Credit**



<b>Prerequisite: None</b>	
<p>The purpose of this accelerated pace course is to provide opportunities for students to actively engage in practice that links the concepts of listening, speaking, reading, and writing activities designed to further develop thinking and problem-solving abilities. Students analyze and evaluate literature in order to gain an insight into the cultures that developed into the British Empire. <b>This course earns an additional .5 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) ENGLISH 12 - LITERATURE AND COMPOSITION</b>	
<b>Course Code: 01006H10AP</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	<b>Fee: Cost of AP Test (approx. \$100)</b>
<p>This course engages students in the careful reading and critical analysis of imaginative literature from several genres and periods from the sixteenth to the twenty-first century. There is a focus on extensive writing of compositions. The course includes a survey of British literature, heavy emphasis on reading and understanding poetry, and the study of classics of English literature. Students are expected to take the AP Exam. This course is currently offered only as a year long course. <i>This course may be taught as an ACCESS course and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

<b>CREATIVE WRITING</b>	
<b>Course Code: 01104G10CW</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>The purpose of this course is to expose students to a variety of literary genres, focusing on imaginative writing including poetry, short stories, critical responses, and creative non-fiction. This course is designed to teach students to understand, analyze, imitate, and create their own literature to be shared with others. <i>This course may be taught as an ACCESS course.</i></p>	

## MATHEMATICS (Grades 9-12)

### MATH CORE

At ARS, it is recommended that students take math as a year long course. The sequences below are not all inclusive. For those interested in reaching a higher level math course in twelfth grade, it may be necessary to take two math courses in one year. Students are encouraged to take at least one math course per year.

<b>Course Number</b>	<b>Course Name</b>	<b>Credit</b>
02073G1000	Geometry with Data Analysis	1
02073H1000	Honors Geometry with Data Analysis	1

02052G1000	Algebra I with Probability	1
02056G1000	Algebra II with Statistics	1
02056H1000	Honors Algebra II with Statistics	1
02155G1000	Algebra w/Finance	1
02136G1000	Applications of Finite Math	1
02137G1000	Mathematical Modeling	1
02110G1000	Pre-Calculus	1
02121G1000	Calculus	1
02124E10AP	Advanced Placement (AP) Calculus (ACCESS)	1
02203E10AP	Advanced Placement (AP) Statistics	1
10019E10AP	Advanced Placement (AP) Computer Science Principles	1
	Dual Enrollment Math (See school counselor)	1

*\*Note: Students pursuing post-secondary or career ready plans should review their ACT results when considering which courses to take. Math courses with strong emphasis on analysis and critical thinking skills will benefit career fields such as: engineering, health care, education, business and finance, and human services. Math teachers will be available to provide guidance to students and parents as to course selections. Most colleges require Algebra II or higher for admission.*

<b>GEOMETRY WITH DATA ANALYSIS</b>	
<b>Course Code: 02073G1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>This course offers students the opportunity to build their reasoning and sense-making skills, see the applicability of mathematics, and prepare more effectively for further studies in algebra. The course also focuses on data analysis, which provides students with tools to describe, show, and summarize data in the world around them. An emphasis on reasoning and proof throughout the content area promotes exploration, conjecture testing, and informal and formal justification.</p>	

<b>HONORS GEOMETRY WITH DATA ANALYSIS</b>	
<b>Course Code: 02073H1000</b>	<b>1 Credit</b>

<b>Prerequisite: None</b>	
<p>This geometry course increases students' knowledge of shapes and their properties through geometry-based applications, many of which are observable in aspects of everyday life. This knowledge helps develop visual and spatial sense and strong reasoning skills. The geometry course requires students to make conjectures and to use reasoning to validate or negate these conjectures. The use of proofs and constructions is a valuable tool taught that enhances reasoning skills and enables students to better understand more complex mathematical concepts. This course is a demanding and fast paced course. The content of the course parallels geometry data analysis with additional emphasis placed on formal proofs. <b>This course earns an additional .5 quality point of weighted credit.</b></p>	

<b>ALGEBRA I WITH PROBABILITY</b>	
<b>Course Code:</b> 02052G1000	<b>1 Credit</b>
<b>Prerequisite: Geometry with Data Analysis</b>	
<p>This course provides experiences for students to see how mathematics can be used systematically to represent patterns and relationships among numbers and other objects, analyze change, and model everyday events and problems of life and society. There is an emphasis on functions. 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 this course.</p>	

<b>ALGEBRA II WITH STATISTICS</b>	
<b>Course Code:</b> 02056H1000	<b>1 Credit</b>
<b>Prerequisite: Geometry with Data Analysis and Algebra I with Probability</b>	
<p>This course incorporates 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. 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, learn how to make inferences about a population from a random sample drawn from the population, how to analyze cause-and-effect by conducting randomized experiments, and are introduced to the study of matrices.</p>	

<b>HONORS ALGEBRA II WITH STATISTICS</b>	
<b>Course Code:</b> 02056G1000	<b>1 Credit</b>
<b>Prerequisite: Geom. w/ Data Analysis</b>	
<p>This course is designed to extend students' knowledge of Algebra I with additional algebraic and trigonometric content. This course incorporates knowledge and skills from several mathematics content</p>	

areas, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. 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, learn how to make inferences about a population from a random sample drawn from the population, how to analyze cause-and-effect by conducting randomized experiments, and are introduced to the study of matrices. This class moves at a fast pace and requires extensive problem solving. **This course earns an additional .5 quality point of weighted credit.**

**ALGEBRA W/FINANCE**

**Course Code:** 02155G1000

**1 Credit**

**Prerequisite:** None

This course integrates algebra, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. 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. It may be used as the fourth math credit required for graduation, but it will not replace Algebra II with Statistics.

**APPLICATIONS OF FINITE MATH**

**Course Code:** 02136G1000

**1 Credit**

**Prerequisite:** Algebra II w/Statistics

This course was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. The wide range of topics include logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Note: Students who have previously taken Discrete Mathematics may not take this course for credit.

**MATHEMATICAL MODELING**

**Course Code:** 02137G1000

**1 Credit**

**Prerequisite:** Algebra II w/Statistics

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.

**PRE-CALCULUS**

<b>Course Code:</b> 02110G1000	<b>1 Credit</b>
<b>Prerequisite:</b> Alg. II w/Stats	
<p>This course is designed for students who intend to pursue a career in science, technology, engineering, or mathematics (STEM) that requires the study of calculus. This course 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, this course takes a deeper look at functions as a system, including composition of functions and inverses. Students will consider vectors and their operations. The course's primary focus is preparing students for the study of calculus. <b>This course earns an additional .5 quality point of weighted credit.</b></p>	

<b>CALCULUS</b>	
<b>Course Code:</b> 02121G1000	<b>1 Credit</b>
<b>Prerequisite:</b> Precalculus	
<p>A course which covers functions, limits, continuity, differentiation, graphing, related rates, optimization, and integration with applications. This course is designed for students who intend to pursue a career in science, technology, engineering, or mathematics (STEM) that requires the study of calculus. <b>This course earns an additional .5 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) CALCULUS</b>	
<b>Course Code:</b> 02124E10AP	<b>1 Credit</b>
<b>Prerequisite:</b> Pre- Calculus and/or Calculus	Fee: Cost of AP Exam (Approx. \$100)
<p>Topics include the limit of a function; the derivative of algebraic, trigonometric, exponential and logarithmic functions; and the definite integral and its basic applications to area and volume problems. Students are expected to take the AP Exam. <i>This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) STATISTICS</b>	
<b>Course Code:</b> 02203E10AP	<b>1 Credit</b>
<b>Prerequisite:</b>	Fee: Cost of AP Exam (Approx. \$100)
<p>This is a course to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Major concepts are: exploring data, sampling and experimentation, probability, and statistical inference. Students are expected to take the AP Exam. <i>This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES</b>	
<b>Course Code: 10019E10AP</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	Fee: Cost of AP Exam (Approx. \$100)
<p>College-level advanced course that 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. <i>This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement. This course earns an additional 1.0 quality point of weighted credit.</i></p>	

<b>Science (Grades 9-12)</b>		
<b>SCIENCE CORE</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credit</b>
03051G1000	Biology	1
03051H1000	Honors Biology	1
03159G1000	Physical Science	1
03101G1000	Chemistry	1
03101H1000	Honors Chemistry	1
<b>SCIENCE CORE ELECTIVES</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credit</b>
03053G1000	Human Anatomy and Physiology	1
03056E1000	Advanced Placement (AP) Biology	1
15055G1000	Forensic Science	1
03003G1000	Environmental Science	1
03207E1000	Advanced Placement (AP) Environmental Science	1
03151G1000	Physics	1

10019E10AP	Advanced Placement (AP) Computer Science Principles	1
03008G1000	Earth and Space Science	1

<b>BIOLOGY</b>	
<b>Course Code: 03051G1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>This course emphasizes how the world functions, the interactions between living organisms and our relationship with the earth. Specifically, this course covers the scientific process and application skills, cell processes, cell theory, photosynthesis and cellular respiration, genetics, classification, plants, animals, ecology, and biogeochemical cycles. <b>This course fulfills the biology graduation requirement.</b></p>	

<b>HONORS BIOLOGY</b>	
<b>Course Code: 03051H1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>This course is taught using an advanced inquiry-based approach that emphasizes how the world functions, the interactions between living organisms and our relationship with the earth. Specifically, this course covers the scientific process and application skills, cell processes, cell theory, photosynthesis and cellular respiration, genetics, classification, plants, animals, ecology, and biogeochemical cycles. Participants will be required to focus on patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity. <b>This course fulfills the biology graduation requirements and earns an additional .5 quality point of weighted credit.</b></p>	

<b>PHYSICAL SCIENCE</b>	
<b>Course Code: 03159G1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>This course will study the scientific process and application skills, 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. <b>This course fulfills the requirement for the physical science graduation credit.</b></p>	

<b>HUMAN ANATOMY AND PHYSIOLOGY</b>	
<b>Course Code: 03053G1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	

This course is organized to follow a logical sequence of the ten systems of the human body with emphasis on diseases and disorders. The course will cover the scientific process and application skills, anatomical terminology, structure and function of cells, tissues, and body systems, biochemistry, system regulation integration. *This course may be offered through ACCESS.*

### CHEMISTRY

**Course Code: 03101G1000**

**1 Credit**

**Prerequisite:** Biology, Algebra I

This course is designed to teach the fundamental concepts of general chemistry, scientific process and application skills, matter classifications, carbon chains, periodic table, solutions, kinetic theory, stoichiometry, ideal gasses, physical and chemical changes, chemical and nuclear reaction. Laboratory work is designed to introduce lab equipment and its use, to support classroom concepts, and to extend theory into practical application. **This course fulfills the requirement for the physical science graduation credit.**

### HONORS CHEMISTRY

**Course Code: 03101H1000**

**1 Credit**

**Prerequisite:** Biology, Algebra I

This course is designed to teach the fundamental concepts of general chemistry, scientific process and application skills, matter classifications, carbon chains, periodic table, solutions, kinetic theory, stoichiometry, ideal gasses, physical and chemical changes, chemical and nuclear reaction. Advanced 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. **This course fulfills the physical science graduation requirements and earns an additional .5 quality point of weighted credit.**

### ADVANCED PLACEMENT (AP) BIOLOGY

**Course Code: 03056E1000**

**1 Credit**

**Prerequisite:** Biology and Chemistry

Fee: Cost of AP Exam (Approx. \$100)

This course is designed to guide the self-directed learner to cultivate a deeper understanding of biology through inquiry-based investigations. Essential scientific concepts, skills and habits of mind are cultivated and outside commitment is a must to complete all required laboratory experiences. Participation in the AP exam is expected. *This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.* **This course earns an additional 1.0 quality point of weighted credit.**



<b>FORENSIC SCIENCE</b>	
<b>Course Code: 15055G1000</b>	<b>1 Credit</b>
<b>Prerequisite: Biology</b>	
<p>A course that is a practical, interdisciplinary approach that links scientific techniques to law enforcement. This course combines knowledge of basic principles of chemistry and physics, biology, and geology into critical thinking situations that involve basic crime-solving techniques. Participants will study the scientific process and application skills, crime scene investigation personnel, collection and preservation of evidence, firearms, trajectories, decomposition process, detection of drugs and poisons, blood splatter patterns, and forged documents.</p>	

<b>ENVIRONMENTAL SCIENCE</b>	
<b>Course Code: 03003G1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>This course is an interdisciplinary introduction to the study of how nature works. Participants will study the scientific process and application skills, natural and human impacts, carrying capacity, renewable and nonrenewable resources, the living world, population, land and water, energy resources and consumption, pollution, and global change.</p>	

<b>ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE</b>	
<b>Course Code: 03207E1000</b>	<b>1 Credit</b>
<b>Prerequisite: None</b>	
<p>Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability. Participation in the AP exam is required. Students are strongly encouraged to participate in study sessions outside of the classroom. <i>This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

<b>PHYSICS</b>	
<b>Course Code: 03151G1000</b>	<b>1 Credit</b>
<b>Prerequisite: Algebra II with Statistics</b>	
<p>This course is designed to study the relationship between matter and energy, and the forces that affect them. Major units of study include mechanics, heat, light, and electricity. Emphasis is on theory and math</p>	

applications as well as laboratory experiences. This is a must-have course for future science majors. This course is weighted. **This course fulfills the requirement for the physical science graduation credit and earns an additional.5 quality point of weighted credit.**

### ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES

**Course Code: 10019E10AP**

**1 Credit**

**Prerequisite:**

Fee: Cost of AP Exam (Approx. \$100)

College-level advanced course that 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. *This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.* **This course earns an additional 1.0 quality point of weighted credit.**

### EARTH AND SPACE SCIENCE

**Course Code: 03008G1000**

**1 Credit**

**Prerequisite:** Biology and Chemistry; or Physical Science

In this course, participants will be introduced to the forces of the physical and biological Earth. This course covers topics in astronomy (space sciences), meteorology (atmospheric sciences), and places a strong emphasis on internal and external structure of the Earth (geological sciences) and the physical ocean and marine biology (oceanographic sciences). This course does not fulfill the physical science graduation requirement.

## SOCIAL SCIENCE (Grades 9-12)

### SOCIAL SCIENCE CORE

Course Number	Course Name	Credit
04053G1000	World History: 1500-Present (Grade 9)	1
04053H1000	Honors World History: 1500-Present (Grade 9)	1
04102G1000	United States History I (Grade 10)	1
04102H1000	Honors United States History I (Grade 10)	1

04103G1000	United States History II (Grade 11)	1
04103H1000	Honors United States History II (Grade 11)	1
04104E1000	Advanced Placement (AP) US History (ACCESS)	1
04151G0500	United States Government	.5
04201G0500	Economics	.5
04151H0500	Honors United States Government	.5
04201H0500	Honors Economics	.5
04157E1000	Advanced Placement (AP) US Gov and Politics (ACCESS)	.5
04202E1000	Advanced Placement (AP) Macroeconomics (ACCESS)	.5

### SOCIAL SCIENCE ELECTIVES

Course Number	Course Name	Credit
04254G1000	Psychology	1
04256E1000	Advanced Placement (AP) Psychology (ACCESS)	1
04258G1000	Sociology (ACCESS)	.5
04256E1000	Advanced Placement (AP) Psychology (ACCESS)	1
04001G1000	World Geography	1

#### **WORLD HISTORY: 1500 TO PRESENT (Grade 9)**

**Course Code: 04053G1000**

**1 Credit**

**Prerequisite:**

This ninth grade level course requires students to think critically about the various forces that combined to shape the world today. Emphasis is placed on geographic impact, developments of civic knowledge/responsibilities, and emerging economic systems within a chronological context.

#### **HONORS WORLD HISTORY: 1500 TO PRESENT (Grade 9)**

**Course Code: 04053H1000**

**1 Credit**

**Prerequisite:**

This ninth grade level course explores the same topics as “World History: 1500 to present” and is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and lessons in world history. Writing proficiency and additional readings are required. **This course earns an additional 0.5 quality point of weighted credit.**

**UNITED STATES HISTORY I (Grade 10)**

**Course Code: 04102G1000**

**1 Credit**

**Prerequisite:**

This study of American History provides the opportunity for students to understand the quest for freedom, justice, opportunity, and democracy in the United States, analyze the establishment of representative democracy in America, and relate the significance of the past to their own lives, both private and public, and to their society. The integration of history, geography, economics, and government with American literature, shows relationships to present accurate and meaningful content and to interpret past events and conditions. Alabama’s history and geography are included in this chronological study of United States history.

**HONORS UNITED STATES HISTORY I (Grade 10)**

**Course Code: 04102H1000**

**1 Credit**

**Prerequisite:**

This course is an advanced study of United States History to 1877. This course will develop an understanding of the political, social, diplomatic, economic and cultural/intellectual history of the U.S. It will also develop an understanding of the fundamental themes and issues of American history. These students will have the opportunity to move quickly, study subjects in more depth, and conduct independent research that may be of interest to them. Developing critical thinking skills, primary source analysis and writing skills will be primary focuses. This class is a preparation of AP US History and Dual Enrollment History. **This course earns an additional 0.5 quality point of weighted credit.**

**UNITED STATES HISTORY II (Grade 11)**

**Course Code: 04103G1000**

**1 Credit**

**Prerequisite:** US History & Geography: Beginnings to 1877

This course is a comprehensive study of critical issues and events in modern U.S. history. The eleventh grade course focuses on twentieth century America and beyond. Knowledge and understanding gained during previous years of study provide the foundation for the critical analysis required in this course. Emphasis is placed on America’s expanding industrialization, urbanization, intervention in world affairs, and changes in economic, social, and political structure.

<b>HONORS UNITED STATES HISTORY II (Grade 11)</b>	
<b>Course Code: 04103H1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b> US History & Geography: Beginnings to 1877	
<p>This course engages students in 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. <b>This course earns an additional 0.5 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) UNITED STATES HISTORY</b>	
<b>Course Code: 04104E1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	Cost of AP Exam (Approx. \$100)
<p>This course will provide opportunities for students to develop an understanding of the political, social, diplomatic, economic and cultural/intellectual history of the US. It will also develop an understanding of the fundamental issues and themes of American history. Using critical thinking skills, primary source analysis and content area knowledge to form well-articulated arguments in essay form will be a primary focus. Specialized instruction and independent assignments in this class will provide students with all the necessary tools to do extremely well on the Advanced Placement test. It should be noted, however, that a considerable amount of self-directed study will be required of anyone who expects to do well on the test. It is a college level course designed to provide the student with analytical skills and factual knowledge necessary to successfully complete the AP Exam. Critical thinking skills and above average writing skills are a must. Successful completion of tenth grade United States History is required. <i>This is a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.</i></p>	

<b>UNITED STATES GOVERNMENT</b>	
<b>Course Code:- 04151G0500</b>	<b>½ Credit (pairs with Economics)</b>
<b>Prerequisite:</b>	
<p>In this course, participants will draw upon the knowledge and skills from their previous studies of the United States, world history, and geography to be utilized as background information. This course will focus on the origins, development, and functions of representative democracy in America with emphasis on the United States Constitution and the Bill of Rights.</p>	

<b>ECONOMICS</b>	
<b>Course Code: 04201G0500</b>	<b>½ Credit (pairs with US Government)</b>

<b>Prerequisite:</b>	
<p>This course emphasizes the workings and institutions of modern day economic systems and economic theory. In particular, the course places a particular focus on the workings of the American modified free enterprise system and how the American system differs from other systems around the world. At the conclusion of this course, participants will be able to analyze current issues and problems in economic systems.</p>	

<b>HONORS UNITED STATES GOVERNMENT</b>	
<b>Course Code: 04151H0500</b>	<b>½ Credit (pairs with Economics)</b>
<b>Prerequisite:</b>	
<p>In this course, participants will draw upon the knowledge and skills from their previous studies of the United States, world history, and geography to be utilized as background information. This course will focus on the origins, development, and functions of representative democracy in America with emphasis on the United States Constitution and the Bill of Rights. <b>This course earns an additional 0.5 quality point of weighted credit.</b></p>	

<b>HONORS ECONOMICS</b>	
<b>Course Code: 04201H0500</b>	<b>½ Credit (pairs with Economics)</b>
<b>Prerequisite:</b>	
<p>This course emphasizes the workings and institutions of modern day economic systems and economic theory. In particular, the course places a particular focus on the workings of the American modified free enterprise system and how the American system differs from other systems around the world. <b>This course earns an additional 0.5 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) US GOVERNMENT AND POLITICS</b>	
<b>Course Code: 04157E1000</b>	<b>½ Credit (Pairs with Economics)</b>
<b>Prerequisite:</b>	<b>Fee: Cost of AP Test (Approx. \$100)</b>
<p>This is an accelerated course designed to give students analytical perspectives on government and politics in the United States. This course involves both the studies of general concepts used to interpret American politics and the analysis of specific data case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Participation in the AP exam is expected. <i>This is an ACCESS course and is offered Spring Semester ONLY and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

<b>ADVANCED PLACEMENT (AP) MACROECONOMICS</b>	
<b>Course Code: 04202E1000</b>	<b>½ Credit (pairs with American Gov.)</b>
<b>Prerequisite:</b>	Fee: Cost of AP Test (Approx. \$100)
<p>This is an accelerated course designed to focus on the US capitalist system. A particular focus is placed on the study of national income and price determination and develops student familiarity with economic performance measures, economic growth, and international economics. The content will help participants develop critical thinking skills through the understanding, application and analysis of fundamental economic concepts. Participation in the AP exam is expected. <i>This is an ACCESS course and is offered Spring Semester ONLY and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

<b>PSYCHOLOGY</b>	
<b>Course Code: 04254G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This elective course is designed to introduce the students to the basic principles of psychology. This class studies the nervous system and why people act, think, and feel as they do. Although the study of psychology is done in a scientific manner, this class is not available as a science credit on any diploma.</p>	

<b>ADVANCED PLACEMENT (AP) PSYCHOLOGY</b>	
<b>Course Code: 04256E1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	Fee: Cost of AP Test (Approx. \$100)
<p>Accelerated in rigor and pace, this course will introduce students to the systematic and scientific study of behavior and mental processes of human beings and other animals. Students are exposed to psychological facts, principles, and phenomena associated with each of the jobs for subfields within psychology. Students will also learn about the methods psychologists use in their science and practice. Participation in the AP Psychology exam is required. <b>This course earns an additional 1.0 quality point of weighted credit.</b> <i>This is an ACCESS course and may be taken yearlong or Spring semester. This course may fulfill the AP component of the honors endorsement</i></p>	

<b>SOCIOLOGY</b>	
<b>Course Code: 04258G1000</b>	<b>.5 Credit</b>
<b>Prerequisite:</b>	

This course is designed to introduce the basic principles and concepts of the field of study of sociology with an emphasis on the importance of social relationships in human behavior and a study of the problems in our culture and society; social inequalities; social institutions; and social change. *This is an ACCESS course.*

**WORLD GEOGRAPHY**

**Course Code: 04001G1000**

**1 Credit**

**Prerequisite:**

This course introduces major world geographic areas; interrelationships between people and habitat; political, social, cultural, and economic geography.

**REQUIRED COURSES FOR GRADUATION**

**TO BE COMPLETED IN GRADES 9-12**

Course Number	Course Name	Credit
22153G1000	Career Preparedness	1.0
08051G0500	Health	0.5
08017G1000	Beginning Kinesiology	1.0

**HEALTH**

**Course Code: 08051G0500**

**.5 Credit**

**Prerequisite:**

**\*Required for Graduation**

This course explores physical, mental, and social well-being. The curriculum covers substance awareness, AIDS education, and CPR as well as skin care, dental health, mental health, and community health.

*\*Foundations of Health Science may/can be substituted for the required Health credit for graduation. See information located in the Career and Technical Education Programs, Medical Academy.*

**CAREER PREPAREDNESS**

**Course Code: 22153G1000**

**1 Credit**

**Prerequisite:**

**\*Required for Graduation**



The course incorporates the following three components: career development and academic planning, computer skill application, and financial literacy knowledge.

### BEGINNING KINESIOLOGY

**Course Code: 08017G1000**

**1 Credit**

**Prerequisite:**

**\*Required for Graduation**

This course offers a variety of health-enhancing physical activities as well as reinforcing and applying fitness components and principles. This course fulfills the P.E. course requirement for graduation.

*\*This course may be waived for students who successfully complete Marching Band, JROTC I, or Athletic PE courses with a state waiver.*

## REQUIRED ELECTIVES FOR GRADUATION

### FOREIGN LANGUAGE

### CAREER TECHNICAL EDUCATION

### FINE ARTS

Students are required to obtain three credits from foreign language, CTE, and/or fine arts. You may choose to take all three courses in one area or you may choose from two or more areas.

*Foreign Language:* Spanish, French, German, or Latin

*Career Technical Education:* Marketing, Sports Marketing, Personal Finance, ACCESS or LCCTC offerings

*Fine Arts:* Media Art I, Music Literacy, Jazz Ensemble, ACCESS Offerings

### FOREIGN LANGUAGE COURSES

Course Number	Course Name	Credit	Additional Information
24102G1000	French I	1.0	ACCESS course
24103G1000	French II	1.0	ACCESS course
24252G1000	German I	1.0	ACCESS course
24253G1000	German II	1.0	ACCESS course
24052G1000	Spanish I	1.0	
24053G1000	Spanish II	1.0	
24054G1000	Honors Spanish III	1.0	

24055G1000	Honors Spanish IV	1.0	
24342G1000	Latin I	1.0	ACCESS course
24343G1000	Latin II	1.0	ACCESS course

<b>FRENCH I</b>	
<b>Course Code: 24102G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>In this course students study the fundamentals of the French language, Francophone countries, people and their cultures. Students are introduced to the basic grammatical structures and to the vocabulary relevant to real-life situations while developing proficiency in listening, speaking, reading, and writing in French. Students will also research the geography and customs of Francophone countries. <i>This course will be offered through ACCESS.</i></p>	

<b>FRENCH II</b>	
<b>Course Code: 24103G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b> French I	
<p>In this course students will apply and expand upon studies begun in French I. Reading, writing, and speaking using the présent, passé composé, and the l'imparfait will continue. It introduces intermediate grammatical structures, a broadened vocabulary, and expanded cultural concepts. Throughout the course, the exploration of the geography of French-speaking countries, the people, and the customs serves to broaden students' views of the world and their places in it. <i>This course will be offered through ACCESS.</i></p>	

<b>GERMAN I</b>	
<b>Course Code: 24252G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>In this course students explore the basics of the German language. Students will develop competencies in the four skills (listening, reading, speaking, and writing) so they will be able to communicate successfully in German. Students will be introduced to contemporary life and culture in German-speaking countries. <i>This course will be taught through ACCESS.</i></p>	

<b>GERMAN II</b>	
<b>Course Code: 24253G1000</b>	<b>1 Credit</b>

<b>Prerequisite:</b> German I	
<p>In this course students will apply and expand upon the experiences of German I. This course is both continuation and reinforcement of the study of grammatical patterns with greater emphasis on conversation, language, comprehension of more difficult reading materials, and expansion of vocabulary skills. <i>This course will be taught through ACCESS.</i></p>	

<b>SPANISH I</b>	
<b>Course Code: 24052G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>In this course students are introduced to the basic grammatical structure of the Spanish language while being exposed to vocabulary and expressions that are relevant to real-life situations focusing on the areas of Health Care, Business and Education. Students will learn how to have common exchanges that are useful in everyday life. Students will develop proficiency in listening, reading, speaking and writing. Throughout the course students will explore the geography and culture of all Spanish-speaking countries but will focus on countries that impact their community, expanding their cultural knowledge for the future benefit of the community as a whole.</p>	

<b>SPANISH II</b>	
<b>Course Code: 24053G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b> Spanish I	
<p>In this course students will apply and expand upon the experiences of Spanish I. The course will expand upon the required grammatical concepts and emphasize greater understanding of phrases and vocabulary necessary for the workforce. Greater emphasis on workforce related conversation and reading materials will be stressed along with a deeper examination of the Spanish-speaking world, expanding upon workplace readiness skills that will enhance personal and professional growth. This course will prepare students to continue the study of Spanish for the upper level Spanish courses.</p>	

<b>HONORS SPANISH III</b>	
<b>Course Code: 24054G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b> Spanish I and II	
<p>In this course students will apply and expand upon the experiences of Spanish I and Spanish II. This course will review previously learned grammar and vocabulary and will introduce new idioms, phrases, and vocabulary. The subjunctive and future tenses will be taught in this course. Grammatical concepts will be taught and emphasized through authentic materials. This course will focus on strengthening writing, reading, and conversational skills while at the same time incorporating vast cultural concepts. <i>This course could be taught through ACCESS. This course earns an additional 0.5 quality point of weighted credit.</i></p>	

<b>HONORS SPANISH IV</b>	
<b>Course Code: 24055G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b> Honors Spanish I, II, and III	
<p>In this course students will develop proficiency and integrate their language skills, using authentic materials and sources. Students will demonstrate a level of Spanish proficiency across three communicative modes; Interpersonal Communication: Engaging in conversations, expressing ideas, and exchanging opinions using both spoken and written language. Interpretive Communication: Understanding and interpreting written and spoken language on a variety of topics. Presentational Communication: Presenting information and ideas to an audience using spoken and written language. <i>This course will be taught through ACCESS. This course earns an additional 1.0 quality point of weighted credit.</i></p>	

<b>LATIN I</b>	
<b>Course Code: 24342G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>In this course students will focus on developing language proficiency, cultural competency, and the use of language skills. Basic pronunciation, spelling, translation, and mythology are included in the course work. Emphasis is placed on reading translation, grammar, and culture. <i>This is a course offered through ACCESS.</i></p>	

<b>LATIN II</b>	
<b>Course Code: 24343G1000</b>	<b>1 Credit</b>
<b>Prerequisite:</b> Latin I	
<p>In this course students will apply and expand upon the experiences of Latin I. More complex issues of grammar and reading via studies of Roman life, history, mythology, and culture in translation build upon these skills. <i>This is a course offered through ACCESS.</i></p>	

<b>CAREER TECHNICAL EDUCATION (CTE) MARKETING ELECTIVES</b>		
<b>Course Number</b>	<b>Course Name</b>	<b>Credit</b>
12164G1001	Marketing Principles	1
12159G1001	Hospitality Management & Marketing	1
19262G1001	Personal Finance	1
10019E10AP	Advanced Placement (AP) Computer Science Principles	1

<b>MARKETING PRINCIPLES</b>	
<b>Course Code: - 12164G1001</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This course is 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. One of two choices for 10th grade required elective. The other is Hospitality Management &amp; Marketing.</p>	

<b>HOSPITALITY MANAGEMENT AND MARKETING</b>	
<b>Course Code: 12159G1001</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This course emphasizes skills needed for ownership, management, or employment in the growing hospitality and tourism industry. Standards are designed to develop a leadership perspective about social, environmental, economic, legal, human resource, customer relations, and consumer factors impacting the hospitality industry. Students learn and apply safety concepts, explore career opportunities and requirements, practice skills needed to succeed in the workplace, and learn and practice essential digital literacy skills. One of two choices for the 10th grade required elective. The other is Marketing Principles.</p>	

<b>PERSONAL FINANCE</b>	
<b>Course Code: - 1926G1001</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This course is designed to introduce students to the management of personal and family resources to achieve personal goals and financial literacy.</p>	

<b>ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES</b>	
<b>Course Code: 10019E10AP</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	Fee: Cost of AP Exam (Approx. \$100)
<p>College-level advanced course that 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. <i>This course may be taught as a yearlong ACCESS course and may fulfill the AP component of the honors endorsement.</i> <b>This course earns an additional 1.0 quality point of weighted credit.</b></p>	

## FINE ARTS COURSES

Course Number	Course Name	Credit
05250G1001	Media Art I	1
05119G1000	Music Literacy	0.5
05102G1000	Concert Band I	1
05102G2000	Concert Band II	1
05102G3000	Concert Band III	1
05102G4000	Concert Band IV	1
05006G1000	Dance (ACCESS)	0.5
05051G1000	Theatre (ACCESS)	0.5
05052G1001	Intro to Theatre (ACCESS)	1

### **MEDIA ART I**

**Course Code: 05250G1001**

**1 Credit**

**Prerequisite:**

This course is designed to provide students with an introduction to visualization graphics programming on computers. The course focuses on using a digital camera and the practical application of digital imaging and editing programs and 3D technology and cinematography will also be explored.

### **MUSIC LITERACY**

**Course Code: 05119G1000**

**.5 Credit**

**Prerequisite:**

In this course, participants will be introduced to the history of music, explore how to create and produce music, and the ethical and appropriate use of the medium. Participants will respond and connect to historical, current and personal events.

### **CONCERT BAND I**

**Course Code: 05102G1000**

**1 Credit**

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

<b>CONCERT BAND II</b>	
<b>Course Code: 05102G2000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This is a one credit course, intermediate level, designed for students with at least one year of experience to experience instrumental music in a concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	

<b>CONCERT BAND III</b>	
<b>Course Code: 05102G3000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This is a one credit course, proficient level, designed for students to increase artistry through reinforced experiences in an instrumental music concert band setting. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	

<b>CONCERT BAND IV</b>	
<b>Course Code: 05102G4000</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>This is a one credit course, accomplished level, designed for students with multiple years of high school study to experience instrumental music in a concert band setting. This level is designed to extend students' technical skills and artistry and to provide a deeper understanding and appreciation of the study of music. Students will continue to develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of</p>	

concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.

## DANCE

**Course Code: 05006G1000**

**.5 Credit**

**Prerequisite:**

This course explores the art of dance through improvisation and exposure to master works and diverse cultural dance forms. Participants will use critical analysis and appropriate dance terminology to identify the elements of dance and determine the impact these elements have on the communication of ideas, style and meaning. *This course will be taught through ACCESS.*

## THEATRE

**Course Code: 05051G1000**

**.5 Credit**

**Prerequisite:**

In this course, participants explore how to create and perform informal and formal theatrical works, relating and connecting them to historical, current and personal events. Participants will be introduced to play structure and analysis as well as the technical elements of theatre production. *This course will be taught through ACCESS.*

## INTRO TO THEATRE I

**Course Code: 05052G1001**

**1 Credit**

**Prerequisite:**

In this course, participants will explore beginning theatre by creating, performing, responding, and connecting critical thinking, meaning, reflection, production, and assessment to understand how theatre communicates ideas and allows for self-expression. Participants will also study, write, and/or perform scenes and monologues and be introduced to basic history of theater and technical theater. *This course will be taught through ACCESS*

# Non-CTE Career Electives

## INTRO TO AGRISCIENCE

**Course Code: 23992X10AG**

**1 Credit**



<b>Prerequisite:</b>	
<p>This course introduces the basic scientific principles of Agriculture and Natural Resources. Participants will recognize and research plant systems, animal systems, government policy, "green" technologies, agribusiness principles, and sustainability systems. <i>Does not meet the CTE standards unless taken at Athens High or LCCTC.</i></p>	

<b>INTRO TO ARCHITECTURE AND CONSTRUCTION</b>	
<b>Course Code: 23992X10AC</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>A course that provides participants with an overview of careers in Architecture and Construction in order to assist with informed career decisions. This career cluster comprises three pathways: Design and Pre-Construction (Architecture and Engineering); Construction (Construction and Extraction); and Maintenance and Operations (Installation, Maintenance, and Repair). The Architecture and Construction career cluster is defined as careers in building, designing, managing, maintaining, and planning the built environment.</p>	

<b>INTRO TO BANKING SERVICES</b>	
<b>Course Code: 23992X10BK</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>A course that focuses on the specific skills involved in banking and related services such as customer transactions, cash drawer activity, check collection processes, and other customer service related transactions. It also provides an overview of the technical and people skills necessary to aid consumers with setting up an account, processing a loan, or establishing a business. Career paths and the required training or higher education preparation necessary to obtain a career in banking and related services are explored as well.</p>	

<b>INTRO TO GOVERNMENT AND PUBLIC ADMINISTRATION</b>	
<b>Course Code: 23992X10GT</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>A course that provides students with an overview of American politics and public administration, including how political institutions and public management systems at the local, state, and federal levels exercise supervisory authority and maintain accountability. Participants will be able to explain the history and structure of the government, how the government functions and relates to state and local governments, as well as how the government creates and enforces public policies.</p>	

<b>INTRO TO NURSING</b>	
<b>Course Code: 23992X10NU</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>A course that provides students opportunities to compare and contrast the various academic and clinical training pathways to an entry-level position in nursing and to explore the growing number of opportunities for professional advancement given the proper preparation and experience. In this course, students will have several opportunities to learn about the expanding scope of professional practice for registered nurses and better understand the important changes proposed in the education and ongoing professional development of nurses.</p>	

<b>INTRO TO MEDICINE</b>	
<b>Course Code: 23992X10MD</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>A course that focuses on preparation for physician-level careers, including dental, veterinary and pharmaceutical, along with a look into the Physician Assistant and alternative medicine systems. This course will also introduce the topics of diversity, and the move toward an emphasis on social and cultural skills in medicine, in addition to academic ability.</p>	

<b>INTRO TO INFORMATION TECHNOLOGY</b>	
<b>Course Code: 23992X10IT</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	
<p>In this course students gain an understanding of the knowledge base and technical skills that will help them to successfully compete for jobs within the Information Technology Career Cluster. Lessons are structured so that students learn and then demonstrate not only critical assessment and analytic skills, but also interpersonal skills that are valued so highly among IT employers. We explore a range of career tracks that include network engineers, application/programming developers, and systems analysts. These career paths are described in depth, discussing typical job responsibilities, educational and licensure requirements, working conditions, and job outlooks.</p>	

<b>INTRO TO STEM</b>	
<b>Course Code: 23992X10SM</b>	<b>1 Credit</b>
<b>Prerequisite:</b>	

A course that introduces students to the four areas of Science, Technology, Engineering, and Mathematics (STEM) through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. Participants will also be introduced to the history, fundamental principles, applications, processes, and concepts of STEM. The course explores some of the great discoveries and innovations in STEM and reviews and analyzes some of the world's problems that still exist today.

**ROBOTICS**

**Course Code: 23992X10RO**

**1 Credit**

**Prerequisite:**

Students in this course will be members of the Athens Renaissance School FIRST Robotics Competition team (Team #538). Students will design and build industrial robots from scratch - mastering the fundamental concepts in the process. Mechanical assembly, drive train design, electrical wiring, Java programming, mechanical engineering, and robot command and control are skills students will develop in this process. This course will employ advanced 3D printing tools and develop skills for 3D model and part design.

## Dual Enrollment Courses

College and Career Partnerships with colleges and universities within the state of Alabama will provide students the opportunity to earn college credit (Dual Enrollment) and may exit high school with a certification in a selected career field. Students are required to provide their own transportation and cost of coursework, fees, and textbooks. A variety of courses exist for Dual Enrollment credit. Athens Renaissance School currently has agreements with many schools within the state of Alabama. Please note that each institution has different policies and expectations for dual enrollment. Any student interested in Dual Enrollment should speak to their counselor.

## Limestone County Career and Technical Center Program

*\*All Career Tech classes require a counselor's approval. All courses listed are introductory courses for each program. Each program has a series of three to six courses. Students need to register for introductory courses and will be placed in appropriate courses during summer scheduling under the advisement of the Limestone County Career and Technical School Administration.*

## THE ACADEMIES OF CAREER AND TECHNICAL EDUCATION

Course Number	Course Name	Credit	Fee
<b>AUTOMOTIVE TECHNOLOGY ACADEMY</b>			
570071	Maintenance and Light Repair	1.0	TBD
<b>BUILDING CONSTRUCTION ACADEMY</b>			
432301	NCCER 1 Carpentry	1.0	TBD
<b>COLLISION REPAIR TECHNOLOGY ACADEMY</b>			
570030	Painting and Refinishing I	1.0	TBD
<b>COSMETOLOGY ACADEMY</b>			
510060	Introduction to Cosmetology	1.0	TBD
<b>DIESEL TECHNOLOGY ACADEMY</b>			
570040	Diesel Engines I	1.0	TBD
<b>DRAFTING DESIGN ACADEMY</b>			
410005	Introduction to Drafting Design	1.0	TBD
<b>ELECTRICAL &amp; INDUSTRIAL SYSTEMS ACADEMY</b>			
432501	NCCER Electrical Technologies I	1.0	TBD
<b>LAW AND PUBLIC SAFETY ACADEMY</b>			
530021	Introduction to Law and the American Legal System	1.0	TBD
<b>GRAPHIC COMMUNICATIONS ACADEMY</b>			
440011	Introduction to Graphic Arts	1.0	TBD
<b>HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION ACADEMY</b>			
432601	NCCER HVAC I	1.0	TBD
<b>FIREFIGHTING AND EMERGENCY SERVICES ACADEMY</b>			
530011	Introduction to Fire Science	1.0	TBD

<b>IT NETWORKING AND IT PROGRAMMING ACADEMY</b>			
520005	Intro to Information Technology Fundamentals	1.0	TBD
<b>PRECISION MACHINING ACADEMY</b>			
540048	Introduction to Mill, Drill Press, and Surface Grinder	1.0	TBD
<b>WELDING TECHNOLOGY ACADEMY</b>			
432901	NCCER Welding I	1.0	TBD
<b>RESTAURANT AND FOOD &amp; BEVERAGE SERVICES ACADEMY</b>			
500011	Hospitality and Tourism	1.0	TBD

**ATHENS CITY SCHOOLS**  
**EARLY OR MID YEAR GRADUATION REQUESTS**  
**2023-2024**

Students may complete their course work for graduation early from ACS by meeting all requirements for an Alabama Diploma as described in the Alabama Administrative Code 290-030-010-.6 (11) and when the conditions listed below are met. Students may also accelerate their program of studies by enrolling in summer school and dual enrollment at a post-secondary institution.

1. Students must submit the ARS Early or Mid-Year Completion Request form with a parent's signature no later than the semester prior to mid-year graduation.
2. Students who plan to complete early must follow course sequence/prerequisites.
3. Students who plan to complete early will not be given preferential treatment in registration or course selection.
4. Students who plan to accelerate their program of studies for the purpose of early completion may do so if space is available in classes after grade level students have completed their registration.
5. Students who plan to accelerate their program of studies for the purpose of early completion must have met at least one of the college and career readiness standards for graduation.
6. Students who complete graduation requirements early will not be permitted to remain at school during the regular school day. However, they may return to school for senior activities and after school activities provided they remain in good standing with the school and follow the local school procedures for returning to campus.
7. A student must be a full time student to be eligible to participate in extracurricular activities. Therefore, a student who completes graduation requirements early will not be eligible for extracurricular activities.
8. Students who complete graduation requirements early will receive their diplomas at the regularly scheduled graduation ceremony in May.

Students who complete their coursework early are responsible for making contact with ARS school officials concerning graduation, senior events, award ceremonies, etc. Students/Parents must also be aware that if students begin taking college courses immediately after they finish their classes in December, some colleges and universities may deem them ineligible for Freshman Scholarships.

**\*I request that \_\_\_\_\_ be allowed to pursue mid-year completion at the end of December of their senior year. By signing below, I acknowledge that I have read and understand the above information.**

**\*I request that \_\_\_\_\_ be allowed to graduate at the end of his/her next school year (one year early). By signing below, I acknowledge that I have read and understand the above information.**

**Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_**

**Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_**

*\*This agreement should be completed and returned to Ms. Haynes at the time of your course selection.*

# ATHENS RENAISSANCE SCHOOL

## PARENT'S PERMISSION FOR THE PUBLICATION OF STUDENT'S PHOTOGRAPH ON THE INTERNET

I understand that the school wishes to publish photographs of students on an Internet accessible world wide web server. This permission slip will be valid for the length of the 2023-2024 school year. Please return this form ONLY if you would prefer that your child's photograph **not** be published on the Internet.

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Student Name

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Grade Level

\*Print and sign below if you do **not** wish to have your child's photograph published.

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Parent Name (print)

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Parent Signature

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Date

\*This form is to be completed each year before a picture is published on the Internet, and the original shall be kept on file at the school.

# ATHENS RENAISSANCE SCHOOL

## Course Recommendation Override Form

Parent/Guardian Preference Form for Placement in Non-Recommended Courses

\_\_\_\_\_  
Student Name

\_\_\_\_\_  
Date

Course placements are based on individual student achievement, test scores, and other academic data. These placements are based on research which support specific course selections to provide students with the most rigorous academic program. Parents/Guardians who request to change these placement decisions should be aware that:

- Students choosing a more rigorous course may need additional support (e.g., tutoring, extra study time, exam reviews, study groups, parental support, etc.).
- Choosing less rigorous courses may impact future high school course choices.
- Choosing less rigorous courses may negatively impact a student's post-secondary choices (i.e. may not be as competitive for college admission).
- Each student enrolled in an AP course must make a committed effort to pass the AP exam.
- If a student does not take the AP exam for the class in which he/she is enrolled, the fee for the examination will be reported as an obligation.

1 \_\_\_\_\_  
Recommended Course

\_\_\_\_\_  
Parent/Guardian Preferred Course

2 \_\_\_\_\_  
Recommended Course

\_\_\_\_\_  
Parent/Guardian Preferred Course

Reason(s) to Support Parent Preferred Course(s) Listed Above:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I understand why the course recommendation was made; however, I still wish to have my child placed in the preferred course(s) listed on this form and am willing to provide the academic and emotional support my child may need while participating in this course.

\_\_\_\_\_  
Parent/Guardian Signature

\_\_\_\_\_  
Date