


2026-2027

ATHENS RENAISSANCE SCHOOL

# CURRICULUM GUIDE

GRADES K-12

ATHENS
RENAISSANCE SCHOOL

## SCHOOL INFORMATION

| | |
|---|---|
| **SUPERINTENDENT** | Beth Patton |
| **BOARD OF EDUCATION** | Beverly Malone, President<br>Shannon Hutton, Vice-President<br>Toby Harrison, Board Member<br>Anthony Townsend, Board Member<br>Karen Clem, Board Member |
| **ADMINISTRATION** | Catherine Preston, Principal<br>Kendra Draper, Assistant Principal |
| **COUNSELORS** | Kathryn Lyons, K-8<br>Autumn Rowe, 9-12 |

**ATHENS RENAISSANCE SCHOOL**
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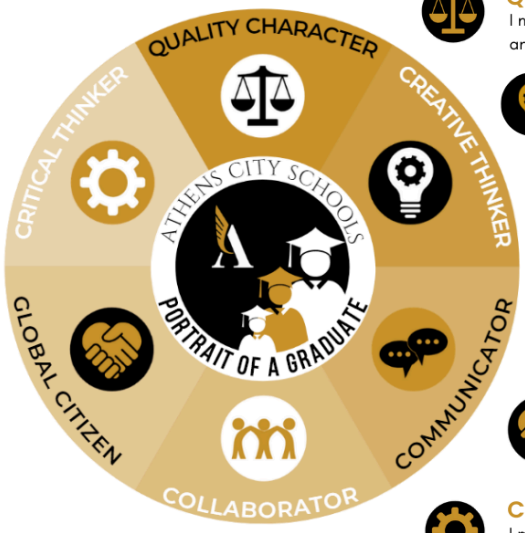
## STATEMENT OF NON-DISCRIMINATION

**EQUAL EDUCATIONAL OPPORTUNITIES** It is the policy of the Athens City Board of Education not to discriminate on the basis of race, color, national origin, sex, disability, age, religion, or marital status in the education programs, activities or employment, and provides equal access to the Boy Scouts and other designated youth groups. The following person has been appointed to coordinate compliance efforts: Mrs. Dimika Cummings, Title IX/Section 504/ADA. Contact Mrs. Cummings in person at Athens City Schools Board of Education Central Office, 455 U.S. Highway 31 North, Athens, AL 35611, by email at dimika.cummings@acs-k12.org or by phone at 256.233.6600.

# PORTRAIT OF A GRADUATE

**EMPOWERING ALL STUDENTS FOR SUCCESS MEANS MORE THAN ACADEMIC ACHIEVEMENT.**

For students to be prepared for life beyond graduation, our community believes we must focus on the whole individual. Our Athens City Portrait of a Graduate describes the characteristics and skills that will empower all students for success now and in the future.




**QUALITY CHARACTER** I inspire the trust of others and believe in myself.
I nurture overall physical and mental well-being and act honestly, responsibly and ethically. I manage and monitor myself, use sound judgment, and persevere in the face of challenges.

**CREATIVE THINKER** I generate new ideas and build on existing ones.
I pursue imaginative approaches and solve problems by asking questions, being flexible in my thinking, and taking the initiative to turn my ideas into action.

**COMMUNICATOR** I explore and exchange ideas with others.
I actively listen to and honor the voices of others, and I communicate clearly through the three fluencies of writing, speaking, and digital depending on my audience.

**COLLABORATOR** I form partnerships with others.
I work with others to accomplish goals and tasks by building relationships, managing team dynamics, making shared decisions, and learning from and contributing to the learning of others.

**GLOBAL CITIZEN** I serve as an active participant in a larger society.
I contribute to solutions that benefit the global community by examining issues from multiple perspectives and demonstrate empathy, compassion, and respect for others.

**CRITICAL THINKER** I analyze and synthesize ideas.
I make decisions by evaluating information and arguments, seeing patterns and connections, constructing meaningful knowledge, and applying it in the real world.

ATHENS CITY SCHOOLS

## VISION

The Athens City Schools Portrait of a Graduate is a collective vision reflecting our community's hopes, dreams, and aspirations for its students. Not only is it designed to prepare students for academic achievement, but also to prepare them for success in their personal and professional lives beyond the classroom.

## MISSION

Empowering all students for lifelong success in a rapidly changing world.

## VALUES

- **STUDENT CENTERED LEARNING** We prioritize students' needs and interests in decision-making.
- **RELATIONSHIPS** We foster genuine and trusting connections within a secure and inclusive environment.
- **PSYCHOLOGICAL SAFETY** We create an environment where everyone feels valued and heard.
- **COLLABORATION** We work together towards a common goal.
- **GROWTH MINDSET** We emphasize continuous learning and improvement.
- **EMPOWERMENT** We inspire staff and students to take ownership of their learning and professional growth.
- **CELEBRATIONS** We encourage and recognize each other's strengths and efforts.

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# ATHENS RENAISSANCE SCHOOL INFORMATION

## ARS BLENDED LEARNING OPPORTUNITIES

| | |
|---|---|
| **Classical Kindergarten** | 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.<br>• Required on-campus attendance 4 days a week - Monday-Thursday (8:00-2:00)<br>• Available only for kindergarten - limited number of seats<br>• On campus learning, whole group, small group, intervention - limited at home virtual learning<br>• Direct Instruction - hands-on learning for foundational reading and mathematics skills<br>• Project based learning |
| **Blended Learning K-12** | Blended courses are facilitated through a combination of both online instruction and in-person instruction. Students will work online through the Schoology platform and through supplemental curriculum sites and will regularly meet with teachers to review their learning progress, discuss their work, ask questions, and receive assistance. This pathway is for students seeking on-campus, interactive, and hands-on opportunities. The blended pathway combines project based learning experiences with real world application in a hybrid educational model.<br>• Project Based Learning<br>• Direct Instruction (face to face and online)<br>• Small Group and Intervention Opportunities<br>• Online support through teacher messaging and video conferencing<br>**What does blended on campus learning look like?**<br>While on campus, students engage in collaborative, project-based learning and incorporate hands-on experiences to prepare for real-world challenges.<br>**What does at home learning look like?**<br>Students complete and submit all their daily assignments digitally through Schoology at home, with parents acting as facilitators to support their learning. |

## PROJECT-BASED LEARNING (PBL)

PBL is 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. This may be done individually, in small groups, or by class.

# PLANNING AND POLICIES

## HONORS

Honors courses place a high degree of emphasis on the student's self-motivation, study skills, and academic work. The course provides an enriched curriculum which dives deeper into the content knowledge of context through providing an extension of the regular grade course work. The curriculum is covered at an accelerated rate and provides students opportunities to take advanced level courses in English, math, science, and social sciences. Levels three and four in foreign languages are also recognized as honors courses. 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. Teacher recommendations are taken into consideration.

## 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 through ACCESS and 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. 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. Students are required to take the National AP Exam as part of the course's curriculum. The testing fee is approximately $98.00 for each course. The AP testing fee must be paid by October 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. **The PBL framework mandates students to take three of their four core classes at ARS.**

## 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$^{th}$, 11$^{th}$ or 12$^{th}$ 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. 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. It is the responsibility of the student to get approval from Athens Renaissance School

to be awarded high school credit. The PBL framework mandates students to take three of their four core classes at ARS.

## LIMESTONE COUNTY CAREER TECHNICAL CENTER

The Limestone County Career Technical Center (LCCTC), an extension of Athens Renaissance, offers a range of programs tailored to various learning styles, helping students transition smoothly from school to careers or college. The center provides 20 Career Technical programs as elective options for 10th, 11th, and 12th-grade students from Limestone County and Athens City Schools. Students attend 2.5-hour sessions, either in the morning or afternoon. For more information about LCCTC and its programs, visit their website: LCCTC Website.

**Important Notes:**

- **Counselor Approval**: All Career Tech classes require prior approval from an Athens Renaissance counselor. Students must notify their counselor of any schedule changes at LCCTC, as such changes may impact graduation requirements and eligibility.
- **LCCTC Schedule**: LCCTC courses typically begin earlier than Athens City Schools since LCCTC follows the Limestone County Schools calendar. Courses require at least a year-long commitment, with attendance up to five days a week on the LCCTC campus.
- **Transportation**: Those attending LCCTC are required to ride the bus.
- **Grade-Level Availability**: JROTC is the only course available to freshmen. Most programs are open to sophomores, except Health Science and Welding, which are exclusive to juniors and seniors. Some programs may require an application and interview for approval.

## 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 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 campus. Please do not sign up for ACCESS courses unless you are fully committed to finishing the rigorous course.

## DROPPING/ADDING A COURSE

Extreme care must be taken when selecting courses. Students are provided ample opportunity to review the ARS Curriculum Guide and complete registration. Once course requests are submitted, schedules are considered final. Only administrative errors will be corrected. All other course change requests will not be approved and will be reviewed solely to confirm compliance with this policy. The deadline to drop or add a course will be at the end of week three of course enrollment.

## ACT WITH WRITING

All students enrolled in grade 11 are required to take the ACT with Writing. This test is administered on campus during the spring semester and may occur outside of a student's pathway time. 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 |

## 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. 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 Renaissance School 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.

**Students transferring in district from one Athens City School to another Athens City School, must wait until the end of the semester to apply for transfer. It is the responsibility of the parent to ensure the receiving school is accepting new students before withdrawing from ARS.**

## COURSE ENROLLMENT 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. Athens Renaissance School conforms to U.S. and Alabama Laws, ALSDE Administrative Code, and ACS Policies.

## 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."

## GRADING SCALE (GRADES 6-12)

| *Letter Grade* | *Numerical Grade* | *Grade Point Average* | *Honors/Dual* | *AP* |
|---|---|---|---|---|
| ***Grade*** | ***(100 Point Scale)*** | ***(4 Point Scale)*** | ***(4.5 Point Scale)*** | ***(5 Point Scale)*** |
| **A** | 100-90 | 4.00 | 4.50 | 5.00 |
| **B** | 89-80 | 3.00 | 3.50 | 4.00 |
| **C** | 79-70 | 2.00 | 2.50 | 3.00 |
| **D** | 69-60 | 1.00 | 1.50 | 2.00 |
| **F** | 59 and Below | 0.00 | 0.00 | 0.00 |

## GRADE POINT AVERAGE (GPA) SCALE

Students electing to participate in rigorous courses such as Honors, Advanced, Dual Enrollment, or Advanced Placement (AP) are given additional weight. The weighting of the GPA is designed to encourage students to enroll in 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. Third/Fourth 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.

## 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. <u>It should be noted that Credit Recovery courses will not be accepted through the NCAA Clearinghouse.</u>

## 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 weekly 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.

# ARS GRADUATION REQUIREMENTS: OPTION A - TRADITIONAL

Students may enhance their academic experience by pursuing two additional diploma endorsements. Students may earn one or both endorsements concurrently.

| AREA OF STUDY | REQUIREMENTS | | CREDITS |
|---|---|---|---|
| **English Language Arts** | English 9, 10, 11, 12, or Honors/AP/Dual equivalent | | 4 |
| **Mathematics** | *Standard 7/8 Grade Math*<br>Geometry with Data Analysis<br>Algebra I with Probability<br>Algebra II with Statistics<br>1 additional math course | *Accelerated Math Grades 7 & 8*<br>Geometry with Data Analysis<br>Algebra II with Statistics<br>2 additional math courses | 4 |
| **Science** | Biology<br>Physical Science (Physical Science, Chemistry, or Physics)<br>Plus 2 additional science courses | | 4 |
| **Social Studies** | World History, US History 10, US History 11, and Government/Economics or Honors/AP/Dual equivalent | | 4 |
| **Physical Education** | Beginning Kinesiology OR equivalent (Marching Band, JROTC, Varsity Sport) | | 1 |
| **Health Education** | Health Education | | .5 |
| **Career Preparedness** | Career Preparedness | | 1 |
| **Career Tech and/or World Language and/or Fine Arts** | Students are required to complete 3 credits from any one or a combination of CTE, Fine Arts, and/or World Language. *Students are encouraged to complete two courses in sequence.* | | 3 |
| **Electives** | Any other state or locally approved elective courses | | 2.5 |
| | **TOTAL MINIMUM CREDITS FOR GRADUATION** | | **24** |

# ARS GRADUATION REQUIREMENTS: OPTION B - WORKFORCE

This new diploma pathway is aimed at providing enhanced academic and skilled trade opportunities for Alabama students and to facilitate the development of a career pathways diploma that would enhance career and technical education opportunities for high school students who plan to enter the workforce immediately after graduation.

Students may enhance their academic experience by pursuing two additional diploma endorsements. Students may earn one or both endorsements concurrently.

| AREA OF STUDY | REQUIREMENTS | | CREDITS |
|---|---|---|---|
| **English Language Arts** | English 9, 10, 11, 12, or Honors/AP/Dual equivalent | | 4 |
| **Mathematics** | *Standard 7/8 Grade Math*<br>Geometry with Data Analysis<br>Algebra I with Probability | *Accelerated Math Grades 7 & 8*<br>Geometry with Data Analysis<br>Algebra II with Statistics | 2 |
| **Science** | Biology<br>Physical Science (Physical Science, Chemistry, or Physics) | | 2 |
| **Social Studies** | World History, US History 10, US History 11, and Government/Economics or Honors/AP/Dual or equivalent | | 4 |
| **Physical Education** | Beginning Kinesiology<br>OR equivalent (Marching Band, JROTC, Varsity Sport) | | 1 |
| **Health Education** | Health Education | | .5 |
| **Career Preparedness** | Career Preparedness | | 1 |
| **Career and Technical Education (CTE)** | Credits must be earned from an approved CTE Program of Study, resulting in CTE Completer status. | | 3 |
| **Electives** | Any other state or locally approved elective courses | | 6.5 |
| **This diploma option may not meet the requirements of colleges/universities or NCAA.** | **TOTAL MINIMUM CREDITS FOR GRADUATION** | | **24** |

# ADDITIONAL GRADUATION REQUIREMENTS

In addition to completing the required curriculum, additional Alabama State Department of Education graduation requirements include:

1. All students must successfully pass the **Alabama Civics Exam** as a required component of the Government course in the high school course of study.
2. All Seniors must complete and submit either the **Free Application for Federal Student Aid (FAFSA)** or the **FAFSA Non-Participation Waiver.** The FAFSA typically opens October 1 or later.
3. Each senior must meet College and Career Readiness (CCR) as set forth by the Alabama State Department of Education. Students must earn one or more of the **College and Career Readiness Indicators (CCRI)** below.
    a. **ACT BENCHMARK SCORE** Benchmark or higher on any section of the ACT College Entrance Exam: *English - 18 Reading - 22 Math - 22 Science - 23*
    b. **BENCHMARK ON ACT WORKKEYS** Earning a Silver (4 or higher) score on all areas of the ACT WorkKeys assessment, including Applied Math, Graphic Literacy, and Workplace Documents.
    c. **QUALIFYING SCORE ON AP EXAM OR IB EXAM** Earning a qualifying score of three or higher on an Advanced Placement (AP) exam or four or higher on an International Baccalaureate exam.
    d. **COLLEGE OR POSTSECONDARY CREDIT** Earning a college credit while in high school with a minimum grade of "D".
    e. **CTE CREDENTIAL** Earn an approved industry-recognized credential through a declared Career and Technical Education Program.
    f. **MILITARY ENLISTMENT** Enlistment in any branch of the Military before high school graduation. An official letter of acceptance from a Military Recruiter is required.
    g. **CTE COMPLETER** Attain Career and Technical Education Completer Status by successfully completing three courses in the same CTE pathway, earning a 70 or higher in all three courses.
    h. **APPRENTICESHIP** Participate in an approved In-School Youth Apprenticeship Program as defined by the Alabama Office of Apprenticeship.
    i. **COMPUTER SCIENCE** Complete an ALSDE-Approved Computer Science course.
    j. Any additional College and Career Readiness Indicator approved by the Alabama State Board of Education.
4. Beginning with the Class of 2028, students must successfully complete a **Personal Financial Literacy Assessment** as a required component of the Career Preparedness course in the high school course of study.
5. Beginning with the Class of 2032, students must earn one credit in a Computer Science course.

# ARS OPTIONAL GRADUATION ENDORSEMENTS

Students may enhance their academic experience by pursuing two additional diploma endorsements. Students may earn one or both endorsements concurrently.

| Advanced Academic Endorsement | Career and Technical Education Endorsement |
|---|---|
| 1. **Honors/AP/Dual** or equivalent credits<br>a. One (1) credit of AP or Dual Enrollment Credit -or-<br>b. Four (4) Honors credits<br>2. Two **World Language** credits *(in sequence)*<br>*3.* **Algebra II with Statistics** (*or higher)* | Three **Career and Technical Education** credits *(in sequence)* |

# 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

In Grade 6, students think abstractly, examine and challenge the ideas of others, and expand their ability to express and justify their own points of view. The application of foundational skills and knowledge to read and respond to various types of literature from critical, digital, language, research, and vocabulary literacies build their knowledge base, strengthen existing abilities through reading, listening, writing, and speaking. Students move from concrete to abstract thinking, examine and challenge the ideas of others, and expand their ability to express and justify their own points of view. To acknowledge this transition in thinking, standards in the middle grades also transition from the earlier grades' explicit focus on building foundational literacy skills (with concurrent emphasis on reading and writing) to the application of foundational skills and knowledge to read and respond to various types of literature.

**GRADE 6 MATHEMATICS**

Course Code - 02036G0606

Students will understand ratio concepts and use ratio reasoning to solve problems; apply and extend previous understanding of multiplication and division to divide fractions by fractions; compute fluently with multi-digit numbers and find common factors and multiples; apply and extend previous understanding of numbers to the system of rational numbers; apply and extend previous understanding of arithmetic to algebraic expressions; reason about and solve one-variable equations and inequalities; represent and analyze quantitative relationships between dependent and independent variables; solve real-world and mathematical problems involving area, surface area, and volume; develop understanding of statistical variability; and summarize and describe distribution.

| GRADE 6 EARTH AND SPACE SCIENCE |
| --- |
| Course Code - 03010G0606 |
| Earth and Space Science progression from earlier grades; progression of knowledge and understanding through the integration of science and engineering practices along with crosscutting concepts of the core ideas to include the universe and its grand scale in both time and space, processes that drive Earth's conditions and its continual change over time, society's interactions with the planet. |

| GRADE 6 MAKING A NEW NATION: UNITED STATES BEGINNINGS AND CIVIC FOUNDATIONS |
| --- |
| Awaiting New Powerschool Course Code |
| This course provides an in-depth study of the formation of the United States and its civic foundations. Students investigate the fundamental values and principles of the events, philosophies, and individuals that shaped the United States of America. Incorporating colonization and the American Revolution, standards address the United States' government, civic responsibilities, and individual rights and freedoms. Standards provide opportunities to apply civic knowledge to learning experiences that foster increased personal responsibility and civic engagement. |

## GRADE 7

| GRADE 7 ENGLISH LANGUAGE ARTS |
| --- |
| Course Code - 01035G0707 |
| In Grade 7, students will focus on building foundational literacy skills and knowledge to read and respond to various types of literature, build their knowledge base, and strengthen existing abilities. Students' ability to think abstractly increases. Seventh graders continue to examine and challenge the ideas of others and expand their ability to express and justify their own points of view through reading, listening, writing, and speaking. |

| GRADE 7 MATHEMATICS |
| --- |
| Course Code - 02037G0707 |
| Students will analyze proportional relationships and use them to solve real-world and mathematical problems; apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers; use properties of operations to generate equivalent expressions; solve real-life and mathematical problems using numerical and algebraic expressions and equations; draw, construct, and describe geometrical figures and describe the relationship between them; solve real-life and mathematical problems involving angle measure, area, surface area, and volume; use random sampling to draw inferences about a population; draw informal comparative inferences about two populations; and investigate chance processes and develop, use, and evaluate probability models. |

| **GRADE 7 ACCELERATED MATHEMATICS** *Teacher recommendation highly suggested. |
|---|
| Course Code - 02037H0707 |
| The Grade 7 Accelerated Mathematics course has been carefully aligned and designed for middle school students who show particular motivation and interest in mathematics. Grade 7 Accelerated Mathematics includes standards from Grade 7 Mathematics and incorporates standards from Grade 8 Mathematics and Algebra I with Probability. Students who complete this class are eligible to enroll in Grade 8 Accelerated Mathematics or Grade 8 Mathematics. Students who complete both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics are considered to have met the requirements of and may opt to omit the Algebra I with Probability course in their high school mathematics progression to enroll in additional mathematics courses after completing the required Algebra II with Statistics course. |

| **GRADE 7 LIFE SCIENCE** |
|---|
| Course Code - 03237G0707 |
| Life Science progression of knowledge and understanding from earlier grades of the core ideas to include the structure and function of cells and their connections to organs and organ systems; the interactions between living organisms and between biotic and abiotic factors; explanations of genetic variations, results of genetic mutations, and impacts of genetic technologies; and the patterns of change in populations of organisms over a long period of time; the relationship between natural selection; and the reproduction and survival of a population with the integration of science and engineering practices and crosscutting concepts from the science framework. |

| **GRADE 7 WORLD HISTORY AND GEOGRAPHY: GEOGRAPHIC PRINCIPLES AND ANCIENT CIVILIZATIONS** |
|---|
| Course Code - 04161G0707 |
| This course is the first course in a three-course world history and geography sequence comprised of the study of prehistory through the Roman Empire with an emphasis on the development of Western civilization. This broad survey of ancient civilizations and cultures is viewed through a variety of disciplinary lenses, including civics and economics |

# GRADE 8

**GRADE 8 ENGLISH LANGUAGE ARTS**

Course Code - 01036G0808

In Grade 8, students will analyze sources of reading that span all subject areas, cultures, and formats as students begin to recognize the interconnectedness of their world. These texts also become sources for research. Students in the middle level begin to discern the validity and credibility of information, as well as the importance of employing that discernment in today's world. Students also learn the importance of citing their sources to acknowledge the work of other academics and to build their own credibility as researchers and writers. Writing in the middle grades becomes more rigorous as the emphasis on organization and textual evidence becomes a daily requirement. Writing is fostered and sustained by both shorter pieces of writing and longer, more challenging works. Students hone their vocabulary literacy by paying attention to connotative meanings, understanding their audience, and their academic and domain-specific vocabulary. They also continue to develop their language and grammar skills as they review foundational knowledge and build upon it with new concepts in their writing through reading, listening, writing, and speaking.

**GRADE 8 MATHEMATICS**

Course Code - 02038G0808

Students will know that there are numbers that are not rational, and approximate them by rational numbers; work with radicals and integer exponents; understand the connections among proportional relationships, lines, and linear equations; analyze and solve linear equations and pairs of simultaneous linear equations; define, evaluate, and compare functions; use functions to model relationships between quantities; understand congruence and similarity using physical models, transparencies, or geometry software; understand and apply the Pythagorean Theorem; solve real-world and mathematical problems involving volume of cylinders, cones, and spheres; and investigate patterns of association in bivariate data.

**GRADE 8 ACCELERATED MATHEMATICS** *Teacher recommendation suggested.

Course Code - 02038H0808

The Grade 8 Accelerated course has been carefully aligned and designed for middle school students who have completed the Grade 7 Accelerated course and show particular motivation and interest in mathematics. Grade 8 Accelerated contains four content areas: Number Systems and Operations; Algebra and Functions; Data Analysis, Statistics, and Probability; and Geometry and Measurement. The algebra focus is on quadratic relationships. Students who successfully complete this course will be prepared to enter Geometry with Data Analysis in Grade 9 and then accelerate directly into Algebra II with Statistics in Grade 10, thus providing them with an opportunity to take additional, specialized mathematics coursework, such as AP Calculus or AP Statistics, in Grades 11 and 12.

| GRADE 8 PHYSICAL SCIENCE |
| --- |
| Course Code - 03011G0808 |
| Physical Science progression of knowledge and understanding from earlier grades of the core ideas to include the composition and properties of matter; examining forces and predicting and developing explanations for changes in motion; the conservation of energy, energy transformations, and applications of energy to everyday life; and types and properties of waves and the use of waves in communication devices with the integration of science and engineering practices and crosscutting concepts from the science framework. |

| GRADE 8 WORLD HISTORY AND GEOGRAPHY: MIDDLE AGES TO THE ENLIGHTENMENT |
| --- |
| Course Code - 04052G0808 |
| This course continues the world history and geography sequence with study of the period from the fall of the Western Roman Empire to the Enlightenment. This course focuses on the study of the early modern world through a variety of disciplinary lenses, including civics and economics, with an emphasis on the development of Western civilization. Geographic concepts embedded in the course seek to increase students' understanding of global interconnectedness. |

## 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. |

| **CAREER EXPLORATIONS (SEMESTER 1 - GRADE 8)** |
| --- |
| Course Code - 22151G0608 |
| Career Explorations is designed to provide opportunities for students to explore career opportunities and become aware of the importance of basic technology, work ethics, communication skills, the value of work, leadership skills, and basic employability skills. Students will begin investigating career paths to match their interests and abilities, which builds the foundation for future course selection and postsecondary options. Career Explorations may be offered as a component of a course rotation allowing students to explore different areas of interest. All content standards must be addressed regardless of the duration of the course. The depth of the content standards will be determined by the course duration. |

| **PHYSICAL EDUCATION (SEMESTER 2)** |
| --- |
| Course Code - 08037G0708 |
| In this course, students submit a weekly PE log recording two and a half hours of physical activity each week. By participating in this course, students gain the knowledge, skills, and confidence to participate in physical activity throughout their lives. |

| **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.<br>*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

| **MIDDLE SCHOOL BAND GRADES 6-7-8 (YEAR LONG)** |
| --- |
| Course Code - 6th: 05136G0606; 7th: 05137G0707; 8th: 05138G0808 |
| Novice level course designed for beginning music students to experience instrumental music in a concert setting. Students must provide their own instrument. This is a year-long course and students will receive a grade for this course. |

| **MIXED CHORUS, MIDDLE SCHOOL CHOIR (YEAR LONG)** |
| --- |
| Course Code - 05110G1001 |
| This is a novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This is a year-long course. |

| **MEDIA ARTS, MIDDLE SCHOOL THEATRE (YEAR LONG)** |
| --- |
| Course Code - 6th: 05169G0606; 7th: 05169G0607; 8th: 05169G0608 |
| Academic theatre work will be explored more deeply. A stronger emphasis is placed on creating, producing, responding and connecting to drive age appropriate critical thinking, meaning, reflection, production and assessment. Students develop techniques built upon foundations of vocal, kinesthetic, emotional, analytical, and intellectual elements of theatrical training through improvisation, dramatization, process-centered elements of dramatic performance, aesthetics, criticism, and history. Students will refine collaboration by exploring multiple perspectives and approaches and begin to connect the relevance of theatre to themselves and their community. Students refine an understanding of dramatic structure, production, performance, concepts, artistic choices and cultural components of theatre. Students begin to examine leadership, responsibility, critical analysis and research. Students focus on the implementation of original ideas through refined choices and consider more diverse social, cultural, and global perspectives and issues. This is a year-long course. |

# Athens Renaissance School

## ENGLISH COURSE PATHWAYS

4.0 credits must be earned by fulfilling each of the four requirements

Students may take additional courses through ACCESS or Dual Enrollment.
See your counselor for more information.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH GRADE*** | ***12TH GRADE*** |
|---|---|---|---|
| ENGLISH 9 | ENGLISH 10 | ENGLISH 11 | ENGLISH 12 |

---

HONORS CLASSES WILL HAVE AN ADDITIONAL 0.5 WEIGHT.
TEACHER RECOMMENDATION ENCOURAGED.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH GRADE*** | ***12TH GRADE*** |
|---|---|---|---|
| HONORS ENGLISH 9 | HONORS ENGLISH 10 | HONORS ENGLISH 11 | HONORS ENGLISH 12 |

# ARS HIGH SCHOOL

## ENGLISH (GRADES 9-12)

### ENGLISH CORE

| 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 |
| 01005E1000 | AP English 11 – Language and Composition (ACCESS Course Only) | 1 |
| 01004G1000 | English 12 | 1 |
| 01004H1000 | Honors English 12 | 1 |
| 01006E1000 | AP English 12 – Literature and Composition (ACCESS Course only) | 1 |
| | Dual Enrollment English (See school counselor) | 1 |

### ENGLISH ELECTIVES

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

| **ENGLISH 9** | |
|---|---|
| **Course Code: 01001G1000** | **1 Credit** |
| **Prerequisite: None** | |
| In Grade 9, students understand the importance of aesthetic decisions by the author and note how choices of syntax and diction shape and clarify meaning. standards are organized under types of literacy (critical, digital, language, and research) to reflect the applications of literacy in a rapidly changing world. This format represents an effort to show that successful communication requires multifaceted receptive and expressive skills emphasize the literature of varied times and places. Both ninth grade standards emphasize world literature to give students a broad and deep foundation. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. | |

| **HONORS ENGLISH 9** | |
|---|---|
| **Course Code: 01001H1000** | **1 Credit** |
| **Prerequisite: None** | |
| Local districts develop an enriched course which dives deeper into the content knowledge of context through a multicultural diversity of text and types of text, and it provides and extension of the regular grade course work in relation to expression and reception. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. This course earns an additional .5 quality point of weighted credit. | |

| **ENGLISH 10** | |
|---|---|
| **Course Code: 01002G1000** | **1 Credit** |
| **Prerequisite: None** | |
| In Grade 10, students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings. Tenth grade standards emphasize world literature to give students a broad and deep foundation. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. | |

| **HONORS ENGLISH 10** | |
|---|---|
| **Course Code: 01002H1000** | **1 Credit** |
| **Prerequisite: None** | |
| Local districts develop an enriched course which dives deeper into the content knowledge of context through a multicultural diversity of text and types of text, and it provides and extension of the regular grade course work in relation to expression and reception. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. This course earns an additional .5 quality point of weighted credit. | |

| **ENGLISH 11** | |
|---|---|
| **Course Code: 01003G1000** | **1 Credit** |
| **Prerequisite: None** | |
| In Grade 11, students will explore the literature of America before, during, and after European arrival. A year of specific attention because of literature's deep ties to all aspects of culture, and its study encourages a cross-curricular understanding and appreciation of qualities that distinguish American literature specifically and American culture in general with a primary focus on American literature. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. | |

| **HONORS ENGLISH 11** | |
|---|---|
| **Course Code: 01003H1000** | **1 Credit** |
| **Prerequisite: None** | |
| Local districts develop an enriched course which dives deeper into the content knowledge of context through a multicultural diversity of text and types of text, and it provides and extension of the regular grade course work in relation to expression and reception. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. This course earns an additional .5 quality point of weighted credit. | |

| ADVANCED PLACEMENT (AP) ENGLISH 11 - LANGUAGE AND COMPOSITION | |
|---|---|
| **Course Code: 01005E1000** | **1 Credit** |
| **Prerequisite: None** | **Fee: Cost of AP Test (approx. $100)** |
| The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text— from a range of disciplines and historical periods all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. This course will 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** | |
| In Grade 12, students focus on the literature of the British Isles, which provides both a linguistic and cultural starting point that more fully contextualizes the eventual forming of the United States and informs a sophisticated understanding of the connections between American and British literature contrasted with the unique character of each. British literature in the twelfth grade should read, analyze, and evaluate a play by William Shakespeare, including an examination of its contributions to the English language and his influences on other works of literature. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. | |

| HONORS ENGLISH 12 | |
|---|---|
| **Course Code: 01004H1000** | **1 Credit** |
| **Prerequisite: None** | |
| Local districts develop an enriched course which dives deeper into the content knowledge of context through a multicultural diversity of text and types of text, and it provides and extension of the regular grade course work in relation to expression and reception. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION.This course earns an additional .5 quality point of weighted credit. | |

| ADVANCED PLACEMENT (AP) ENGLISH 12 - LITERATURE AND COMPOSITION | |
|---|---|
| **Course Code: 01006E1000** | **1 Credit** |
| **Prerequisite: None** | **Fee: Cost of AP Test (approx. $100)** |
| The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION. This course will 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. | |

| CREATIVE WRITING | |
|---|---|
| **Course Code: 01104G10CW** | **1 Credit** |
| **Prerequisite: None** | |
| NOTE: DOES NOT FULFILL ANY OF THE FOUR ENGLISH CREDITS REQUIRED FOR GRADUATION. Composing poetry, short stories, and critical responses. This course may be taught as an ACCESS course. | |

# Athens Renaissance School

## MATH COURSE PATHWAYS

4.0 credits must be earned by fulfilling each of the four requirements

Students may take additional courses through ACCESS or Dual Enrollment.
See your counselor for more information.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH GRADE*** | ***12TH GRADE*** |
|---|---|---|---|
| GEOMETRY WITH DATA ANALYSIS | ALGEBRA I WITH PROBABILITY | ALGEBRA II WITH STATISTICS | ALGEBRA WITH FINANCE |

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THIS PATHWAY IS ONLY FOR STUDENTS WHO TOOK ACCELERATED MATH7 AND ACCELERATED MATH 8.

HONORS CLASSES WILL HAVE AN ADDITIONAL 0.5 WEIGHT.
TEACHER RECOMMENDATION ENCOURAGED.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH AND 12TH GRADES*** |
|---|---|---|
| HONORS GEOMETRY WITH DATA ANALYSIS | HONORS ALGEBRA II WITH STATISTICS | HONORS PRECALCULUS<br>OR<br>AP COMPUTER SCIENCE PRINCIPLES<br>OR<br>CALCULUS |

# MATHEMATICS (Grades 9-12)

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.

## MATH CORE

| Course Number | Course Name | Credit |
|---|---|---|
| 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 with Finance | 1 |
| 02136G1000 | Applications of Finite Math | 1 |
| 02110H1000 | Honors Pre-Calculus | 1 |
| 02121G1000 | Calculus (if enrollment is low, this class will be offered as AP Calculus ACCESS) | 1 |
| 02124E1000 | Advanced Placement (AP) Calculus (ACCESS) | 1 |
| 02203E1000 | Advanced Placement (AP) Statistics (ACCESS) | 1 |
| 10019E1000 | 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.*

| GEOMETRY WITH DATA ANALYSIS | |
|---|---|
| **Course Code: 02073G1000** | **1 Credit** |
| **Prerequisite: None** | |
| Geometry with Data Analysis is the first of three required courses in high school mathematics. In Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Geometry with Data Analysis is either Grade 8 Mathematics or Grade 8 Accelerated Mathematics. For students who opt to accelerate their mathematical pathways in the 9th grade, Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability. | |

| HONORS GEOMETRY WITH DATA ANALYSIS | |
|---|---|
| **Course Code: 02073H1000** | **1 Credit** |
| **Prerequisite: None** | |
| Honors Geometry with Data Analysis is the first of three required courses in high school mathematics. In Honors Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Honors Geometry with Data Analysis is either Grade 8 Mathematics or Grade 8 Accelerated Mathematics. For students who opt to accelerate their mathematical pathways in the 9th grade, Honors Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability.This course earns an additional .5 quality point of weighted credit. | |

| ALGEBRA I WITH PROBABILITY | |
|---|---|
| **Course Code: 02052G1000** | **1 Credit** |
| **Prerequisite: Geometry with Data Analysis** | |
| Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9th grade. | |

| ALGEBRA II WITH STATISTICS | |
|---|---|
| **Course Code: 02056G1000** | **1 Credit** |
| **Prerequisite: Geometry with Data Analysis and Algebra I with Probability** | |
| Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit. | |

| HONORS ALGEBRA II WITH STATISTICS | |
|---|---|
| **Course Code: 02056H1000** | **1 Credit** |
| **Prerequisite: Geometry with Data Analysis and Accelerated Math 7 and Accelerated Math 8** | |
| Honors Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics courses are the prerequisite for Applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit.This course earns an additional .5 quality point of weighted credit. | |

| ALGEBRA WITH FINANCE | |
|---|---|
| **Course Code: 02155G1000** | **1 Credit** |
| **Prerequisite: None** | |
| Algebra with Finance is a college and career preparatory course that integrates algebra, precalculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. Math concepts and skills are applied through study and problem-solving activities in workforce situations in the following areas: banking, investing, employment and income taxes, automobile ownership and operation, mathematical operations, consumer credit, independent living, and retirement planning and budgeting. This course may be used as the fourth math credit or an elective. | |

| APPLICATIONS OF FINITE MATH | |
|---|---|
| **Course Code: 02136G1000** | **1 Credit** |
| **Prerequisite: Algebra II with Statistics** | |
| Applications of Finite Mathematics was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. Applications of Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society. The prerequisite for Applications of Finite Mathematics is Algebra II with Statistics. Note: Students may not receive credit for both Applications of Finite Mathematics and Discrete Mathematics, as Applications of Finite Mathematics includes mathematics content that also appears in the Discrete Mathematics course. | |

| **HONORS PRE-CALCULUS** | |
|---|---|
| **Course Code: 02110H1000** | **1 Credit** |
| **Prerequisite: Algebra II with Statistics** | |
| NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. Precalculus is a course designed for students who have successfully completed the Algebra II with Statistics course. This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include the appropriate use of technology to facilitate continued development of students' higher-order thinking skills. This course earns an additional .5 quality point of weighted credit. | |

| **CALCULUS** | |
|---|---|
| **Course Code: 02121G1000** | **1 Credit** |
| **Prerequisite: Precalculus** | |
| Advanced math course; differential and integral calculus; analytic geometry topics; and functions. This course earns an additional .5 quality point of weighted credit. | |

| **ADVANCED PLACEMENT (AP) CALCULUS** | |
|---|---|
| **Course Code: 02124E1000** | **1 Credit** |
| **Prerequisite:** Pre- Calculus and/or Calculus | Fee: Cost of AP Exam (Approx. $100) |
| NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. College-level advanced math course approved by the College Board Advanced Placement (AP) program for calculus; functions, graphs, and limits; derivatives; integrals; polynomial approximations and series. This course will be taught as a yearlong ACCESS course and may fulfill the AP component of the advanced academic endorsement. This course earns an additional 1.0 quality point of weighted credit. | |

| **ADVANCED PLACEMENT (AP) STATISTICS** | |
|---|---|
| **Course Code: 02203E1000** | **1 Credit** |
| **Prerequisite:** | Fee: Cost of AP Exam (Approx. $100) |
| NOTE: FULFILLS ONE OF THE FOUR MATHEMATICS CREDITS REQUIRED FOR GRADUATION. College-level advanced course approved by the College Board Advanced Placement (AP) Program for statistics; introductory, non-calculus based course to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusion from data. This course will be taught as a yearlong ACCESS course and may fulfill the AP component of the advanced academic endorsement. This course earns an additional 1.0 quality point of weighted credit. | |

| **ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES** | |
|---|---|
| **Course Code: 10019E1000** | **1 Credit** |
| **Prerequisite:** | Fee: Cost of AP Exam (Approx. $100) |
| College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. This course may be taught as a yearlong ACCESS course may fulfill the AP component of the honors endorsement. This course earns an additional 1.0 quality point of weighted credit. | |

# Athens Renaissance School

## SCIENCE COURSE PATHWAYS

4.0 credits must be earned by fulfilling each of the four requirements

Students may take additional courses through ACCESS or Dual Enrollment.
See your counselor for more information.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH GRADE*** | ***12TH GRADE*** |
|---|---|---|---|
| BIOLOGY | PHYSICAL SCIENCE | EARTH AND SPACE SCIENCE | ENVIRONMENTAL SCIENCE |

---

HONORS CLASSES WILL HAVE AN ADDITIONAL 0.5 WEIGHT.
TEACHER RECOMMENDATION ENCOURAGED.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH AND 12TH GRADES*** |
|---|---|---|
| HONORS BIOLOGY | HONORS CHEMISTRY | FORENSIC SCIENCE<br>OR<br>HONORS HUMAN ANATOMY |

# Science (Grades 9-12)

## SCIENCE CORE

| Course Number | Course Name | Credit |
|---|---|---|
| 03051G1000 | Biology | 1 |
| 03051H1000 | Honors Biology | 1 |
| 03159G1000 | Physical Science | 1 |
| 03101H1000 | Honors Chemistry | 1 |

## SCIENCE CORE ELECTIVES

| Course Number | Course Name | Credit |
|---|---|---|
| 03053H1000 | Honors Human Anatomy and Physiology | 1 |
| 03056E1000 | Advanced Placement (AP) Biology (ACCESS) | 1 |
| 15055G1000 | Forensic Science | 1 |
| 03003G1000 | Environmental Science | 1 |
| 10019E1000 | Advanced Placement (AP) Computer Science Principles | 1 |
| 03008G1000 | Earth and Space Science | 1 |
| | Dual Enrollment Science (See school counselor) | 1 |

## SCIENCE ELECTIVES

| Course Number | Course Name | Credit |
|---|---|---|
| 03049G1000 | Science Elective: Space Exploration | 1 |

| **BIOLOGY** | |
|---|---|
| **Course Code: 03051G1000** | **1 Credit** |
| **Prerequisite: None** | |
| THIS COURSE FULFILLS THE BIOLOGY GRADUATION REQUIREMENT. Increasing depth of understanding of life science standards from earlier grades to include the integration of engineering design, with a focus on crosscutting concepts, science and engineering practices; and patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity. | |

| **HONORS BIOLOGY** | |
|---|---|
| **Course Code: 03051H1000** | **1 Credit** |
| **Prerequisite: None** | |
| THIS COURSE FULFILLS THE BIOLOGY GRADUATION REQUIREMENT. Advanced engagement and sense-making to develop an increasing depth of understanding of life science standards from earlier grades to include advanced engagement and sense-making the integration of engineering design, with a focus on crosscutting concepts, science and engineering practices; and patterns, processes, and interactions among living organisms including structures and processes, ecosystems, heredity, and unity and diversity. This course earns an additional .5 quality point of weighted credit. | |

| **PHYSICAL SCIENCE** | |
|---|---|
| **Course Code: 03159G1000** | **1 Credit** |
| **Prerequisite: None** | |
| NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Conceptual progression of understanding and knowledge of physical science standards from earlier grades with engineering design integration and focus on crosscutting concepts, science and engineering practices; and the basic concepts of chemistry and physics including matter and its interactions, motion and stability, energy, and waves and information technologies. | |

| HONORS CHEMISTRY | |
|---|---|
| **Course Code: 03101H1000** | **1 Credit** |
| **Prerequisite: Biology and Algebra I** | |
| NOTE: FULFILLS THE PHYSICAL SCIENCE GRADUATION REQUIREMENT. Advanced level in-depth and progression of understanding and knowledge of 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 with a focus on the application of biology, earth science, environmental science, and physiology to the study of chemistry. Includes the integration of engineering design, crosscutting concepts, and science and engineering practices from the science framework.**This course earns an additional .5 quality point of weighted credit.** | |

| HONORS HUMAN ANATOMY AND PHYSIOLOGY | |
|---|---|
| **Course Code: 03053H1000** | **1 Credit** |
| **Prerequisite: Biology and Physical Science or Chemistry** | |
| NOTE: DOES NOT FULFILL THE BIOLOGY OR PHYSICAL SCIENCE GRADUATION REQUIREMENT. Advanced level study of the structure and function of human body systems from the cellular level to the organism level; interactions within and between systems that maintain homeostasis in organisms; how personal choices, environmental factors, and genetic factors affect the human body. | |

| ADVANCED PLACEMENT (AP) BIOLOGY | |
|---|---|
| **Course Code: 03056E1000** | **1 Credit** |
| **Prerequisite: Biology and Chemistry** | **Fee: Cost of AP Exam (Approx. $100)** |
| NOTE: BIOLOGY COURSES 03051G1000, 03051G0500, 03051E1000, 03051E0500, 03051H1000, 03051H0500, 03051E10PR FULFILL THE BIOLOGY GRADUATION REQUIREMENT. PREREQUISITE: IT IS RECOMMENDED THAT THE AP BIOLOGY COURSE BE OFFERED TO STUDENTS WHO HAVE SUCCESSFULLY COMPLETED A FIRST COURSE IN HIGH SCHOOL BIOLOGY AND HIGH SCHOOL CHEMISTRY. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for biology. This course will 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. | |

| FORENSIC SCIENCE | |
|---|---|
| **Course Code: 15055G1000** | **1 Credit** |
| **Prerequisite: Biology and Physical Science or Chemistry** | |
| Forensic Science and Crime Scene Investigation teaches students to apply chemistry, physics, and biology to a suspect, a criminal act or behavior, or a victim. This course prepares students in two distinct concentrations. The Forensic Science portion focuses on working in a crime lab setting as a forensic scientist or technician. Crime Scene Investigations covers the application of the scientific method at a crime scene, including scene processing and the identification and collection of evidence. | |

| ENVIRONMENTAL SCIENCE | |
|---|---|
| **Course Code: 03003G1000** | **1 Credit** |
| **Prerequisite: None** | |
| NOTE: DOES NOT FULFILL THE BIOLOGY OR PHYSICAL SCIENCE GRADUATION REQUIREMENT. Advanced knowledge and understanding of natural resources, natural hazards, human impacts on Earth systems and global climate change; and engineering design solutions to solve various problems affecting Earth and its environment. Science and engineering practices and crosscutting concepts from the science framework are incorporated into coursework. | |

| ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES | |
|---|---|
| **Course Code: 10019E1000** | **1 Credit** |
| **Prerequisite:** | **Fee: Cost of AP Exam (Approx. $100)** |
| College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts.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** | |
| NOTE: DOES NOT FULFILL THE GRADUATION REQUIREMENT FOR BIOLOGY OR PHYSICAL SCIENCE. Comprehensive application of all science disciplines with a focus on concepts of the universe and its Stars, Earth and the solar system, history of planet Earth, Earth's materials and systems, plate tectonics, large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and biogeology; includes integration of engineering, technology and application of science core ideas. | |

| SCIENCE ELECTIVE: SPACE EXPLORATION | |
|---|---|
| **Course Code: 03049G1000** | **1 Credit** |
| This course introduces students to the study of space, the universe, and human exploration beyond Earth. Topics include the solar system, stars and galaxies, space technology, rocketry, satellite systems, and the history and future of space travel. This locally developed course has been submitted to the SDE for approval as an Earth and space science elective not listed among the standard Earth and space science elective courses. This course does not fulfill the graduation requirement for biology or physical science. | |

# Athens Renaissance School

## HISTORY COURSE PATHWAYS

4.0 credits must be earned by fulfilling each of the four requirements

Students may take additional courses through ACCESS or Dual Enrollment.
See your counselor for more information.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH GRADE*** | ***12TH GRADE*** |
|---|---|---|---|
| *WORLD HISTORY AND GEOGRAPHY: AGE OF REVOLUTION TO PRESENT* | U.S. HISTORY I: REVOLUTION TO PROGRESSIVE ERA | *U.S. HISTORY II: WORLD WAR I TO PRESENT* | GOVERNMENT AND ECONOMICS |

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HONORS CLASSES WILL HAVE AN ADDITIONAL 0.5 WEIGHT.
TEACHER RECOMMENDATION ENCOURAGED.

| ***9TH GRADE*** | ***10TH GRADE*** | ***11TH GRADE*** | ***12TH GRADE*** |
|---|---|---|---|
| *HONORS WORLD HISTORY AND GEOGRAPHY: AGE OF REVOLUTION TO PRESENT* | HONORS U.S. HISTORY I: REVOLUTION TO PROGRESSIVE ERA | HONORS *U.S. HISTORY II: WORLD WAR I TO PRESENT* | HONORS GOVERNMENT AND HONORS ECONOMICS |

# SOCIAL STUDIES (Grades 9-12)

## SOCIAL STUDIES CORE

| Course Number | Course Name | Credit |
|---|---|---|
| 04052G1000 | World History and Geography: Age of Revolution to Present (Grade 9) | 1 |
| 04052H1000 | Honors World History and Geography: Age of Revolution to Present (Grade 9) | 1 |
| | U.S. History I: Revolution to Progressive Era (Grade 10) | 1 |
| | Honors (Grade 10) | 1 |
| | U.S. History II: World War I to Present (Grade 11) | 1 |
| | Honors U.S. History II: World War I to Present (Grade 11) | 1 |
| 04104E1000 | Advanced Placement (AP) US History (ACCESS) | 1 |
| 04151G0500 | United States Government (Grade 12 - Semester 1) | 0.5 |
| 04151H0500 | Honors United States Government (Grade 12 - Semester 1) | 0.5 |
| 04201G0500 | Economics (Grade 12 - Semester 2) | 0.5 |
| 04201H0500 | Honors Economics (Grade 12 - Semester 2) | 0.5 |
| 04157E1000 | Advanced Placement (AP) US Gov and Politics (ACCESS) | 0.5 |
| 04202E1000 | Advanced Placement (AP) Macroeconomics (ACCESS) | 0.5 |
| | Dual Enrollment History (See school counselor) | 1 |

## SOCIAL STUDIES ELECTIVES

| Course Number | Course Name | Credit |
|---|---|---|
| 04254G0500 | Psychology (ACCESS) | 0.5 |
| 04256E1000 | Advanced Placement (AP) Psychology (ACCESS) | 1 |
| 04258G0500 | Sociology (ACCESS) | 0.5 |

| WORLD HISTORY AND GEOGRAPHY: AGE OF REVOLUTION TO PRESENT (Grade 9) | |
|---|---|
| **Course Code: 04052G1000** | **1 Credit** |
| **Prerequisite:** | |
| This course concludes the three-course world history and geography sequence, covering the period from the Age of Revolution to the present day with an emphasis on Western civilization. It examines the Modern Era through a variety of disciplinary lenses, including civics and economics. | |

| HONORS WORLD HISTORY AND GEOGRAPHY: AGE OF REVOLUTION TO PRESENT (Grade 9) | |
|---|---|
| **Course Code: 04052H1000** | **1 Credit** |
| **Prerequisite:** | |
| This course concludes the three-course world history and geography sequence, covering the period from the Age of Revolution to the present day with an emphasis on Western civilization. It examines the Modern Era through a variety of disciplinary lenses, including civics and economics.<br>**This course earns an additional 0.5 quality point of weighted credit.** | |

| U.S. HISTORY I: REVOLUTION TO PROGRESSIVE ERA (Grade 10) | |
|---|---|
| **Course Code:** | **1 Credit** |
| **Prerequisite:** | |
| This course explores the ideological origins and key events of United States history from the American Revolution through the Progressive Era. The course traces the development and evolution of the United States through the nineteenth century and into the twentieth, illustrating the growth of the American nation and the challenges it faced as viewed from both national and Alabama perspectives. | |

| HONORS U.S. HISTORY I: REVOLUTION TO PROGRESSIVE ERA (Grade 10) | |
|---|---|
| **Course Code: 04102H1000** | **1 Credit** |
| **Prerequisite:** | |
| This course explores the ideological origins and key events of United States history from the American Revolution through the Progressive Era. The course traces the development and evolution of the United States through the nineteenth century and into the twentieth, illustrating the growth of the American nation and the challenges it faced as viewed from both national and Alabama perspectives. **This course earns an additional 0.5 quality point of weighted credit.** | |

| U.S. HISTORY II: WORLD WAR I TO PRESENT (Grade 11) | |
|---|---|
| **Course Code:** | **1 Credit** |
| **Prerequisite: U.S. HISTORY I: REVOLUTION TO PROGRESSIVE ERA** | |
| This course focuses on the modern history of the country with a strong emphasis on expanding students' understanding of American principles. The course begins with America's entry into World War I as a recognized world power and offers a chronological study of major events, issues, movements, individuals, and groups in the twentieth and twenty-first centuries, viewed from both national and Alabama perspectives. | |

| HONORS U.S. HISTORY II: WORLD WAR I TO PRESENT (Grade 11) | |
|---|---|
| **Course Code: 04103H1000** | **1 Credit** |
| **Prerequisite: U.S. HISTORY I: REVOLUTION TO PROGRESSIVE ERA** | |
| This course focuses on the modern history of the country with a strong emphasis on expanding students' understanding of American principles. The course begins with America's entry into World War I as a recognized world power and offers a chronological study of major events, issues, movements, individuals, and groups in the twentieth and twenty-first centuries, viewed from both national and Alabama perspectives. **This course earns an additional 0.5 quality point of weighted credit.** | |

| ADVANCED PLACEMENT (AP) UNITED STATES HISTORY | |
|---|---|
| **Course Code: 04104E1000** | **1 Credit** |
| **Prerequisite:** | **Fee: Cost of AP Exam (Approx. $100)** |
| College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for United States history. This is 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. | |

| UNITED STATES GOVERNMENT (Grade 12 - Semester 1) | |
|---|---|
| **Course Code:- 04151G0500** | **½ Credit (pairs with Economics)** |
| **Prerequisite:** | |
| This course provides students with a deeper understanding of the systems, processes, and institutions that shape the modern world. The goal of the United States Government is to help students understand how the American government functions, the ideas and circumstances that shaped it, and its form today. Key elements of the course include the study of the Constitution, the three branches of government, the role of linkage institutions, and federalism. Mastering the knowledge and skills in this course enables students to better understand the issues being deliberated by today's state and national governments and to comprehend their own role as responsible citizens in this process. | |

| HONORS UNITED STATES GOVERNMENT (Grade 12 - Semester 1) | |
|---|---|
| **Course Code: 04151H0500** | **½ Credit (pairs with Economics)** |
| **Prerequisite:** | |
| This course provides students with a deeper understanding of the systems, processes, and institutions that shape the modern world. The goal of the United States Government is to help students understand how the American government functions, the ideas and circumstances that shaped it, and its form today. Key elements of the course include the study of the Constitution, the three branches of government, the role of linkage institutions, and federalism. Mastering the knowledge and skills in this course enables students to better understand the issues being deliberated by today's state and national governments and to comprehend their own role as responsible citizens in this process.This course earns an additional 0.5 quality point of weighted credit. | |

| ECONOMICS (Grade 12 - Semester 2) | |
|---|---|
| **Course Code: 04201G0500** | **½ Credit (pairs with US Government)** |
| **Prerequisite:** | |
| This course provides students with a deeper understanding of the systems, processes, and institutions that shape modern life. Economics is designed to help students understand how economies function, recognize economic and social problems, and evaluate the costs and benefits of choices. Key elements of the course include the study of scarcity, supply and demand, trade, market structures, money and the role of financial institutions, and the role of government. Mastering the knowledge and skills in this course enables students to anticipate changes in economic conditions and take appropriate action to improve their own lives and society as a whole. | |

| HONORS ECONOMICS (Grade 12 - Semester 2) | |
|---|---|
| **Course Code: 04201H0500** | **½ Credit (pairs with US Government)** |
| **Prerequisite:** | |
| This course provides students with a deeper understanding of the systems, processes, and institutions that shape modern life. Economics is designed to help students understand how economies function, recognize economic and social problems, and evaluate the costs and benefits of choices. Key elements of the course include the study of scarcity, supply and demand, trade, market structures, money and the role of financial institutions, and the role of government. Mastering the knowledge and skills in this course enables students to anticipate changes in economic conditions and take appropriate action to improve their own lives and society as a whole.**This course earns an additional 0.5 quality point of weighted credit.** | |

| ADVANCED PLACEMENT (AP) US GOVERNMENT AND POLITICS | |
|---|---|
| **Course Code: 04157E1000** | **½ Credit (Pairs with Economics)** |
| **Prerequisite:** | **Fee: Cost of AP Test (Approx. $100)** |
| College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for U. S. government and politics. This is an ACCESS course and is offered Spring Semester ONLY and may fulfill the AP component of the honors endorsement. This course earns an additional 1.0 quality point of weighted credit. | |

| ADVANCED PLACEMENT (AP) MACROECONOMICS | |
|---|---|
| **Course Code: 04202E1000** | **½ Credit (pairs with American Gov.)** |
| **Prerequisite:** | **Fee: Cost of AP Test (Approx. $100)** |
| College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for macroeconomics; basic economic concepts; measurement of economic performance; national income and price determination; financial sector; inflation, unemployment, and stabilization policies; economic growth and productivity; open economy; international trade and finance. This is an ACCESS course and is offered Spring Semester ONLY and may fulfill the AP component of the honors endorsement. This course earns an additional 1.0 quality point of weighted credit. | |

| **PSYCHOLOGY** | |
|---|---|
| **Course Code: 04254G0500** | **0.5 Credit** |
| **Prerequisite:** | |
| NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION. History of psychological inquiry; methods of scientific research; human development; sensation and perception; motivation and emotion; states of consciousness; social psychology, cognition; intelligence and assessment; personality theories; stress; mental disorders and treatments. This is an ACCESS course. | |

| **ADVANCED PLACEMENT (AP) PSYCHOLOGY** | |
|---|---|
| **Course Code: 04256E1000** | **1 Credit** |
| **Prerequisite:** | **Fee: Cost of AP Test (Approx. $100)** |
| DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION. College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for psychology. This course earns an additional 1.0 quality point of weighted credit. This is an ACCESS course and may be taken yearlong or Spring semester and may fulfill the AP component of the honors endorsement | |

| **SOCIOLOGY** | |
|---|---|
| **Course Code:** 04258G0500 | **0.5 Credit** |
| **Prerequisite:** | |
| *NOTE: DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION. Culture and society; social inequalities; social institutions; social change. This is an ACCESS course.* | |

# 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 |

| **CAREER PREPAREDNESS** | |
|---|---|
| **Course Code: 22153G1000** | **1 Credit** |
| **Prerequisite:** | ***Required for Graduation** |
| Career Preparedness focuses on three integrated areas of instruction: academic planning and career development, financial literacy, and technology. Course content includes college and career preparation, computer literacy skills, and personal finance. Technology topics are interwoven throughout course instruction. These standards are designed to provide a strong foundation for student acquisition of the skills, attitudes, and knowledge that enable them to achieve success in school, at work, and across the life span. Other topics addressed in Career Preparedness are business and industry, continuing education, and lifelong learning. Partnerships and alliances between educational institutions, governmental entities and employers can support these standards and connect students to potential career opportunities. The required 20-hour online experience can be met by successfully completing both Career Preparedness A and Career Preparedness B. | |

| **HEALTH** | |
|---|---|
| **Course Code: 08051G0500** | **.5 Credit** |
| **Prerequisite:** | ***Required for Graduation** |
| This is a half-credit course which is required for graduation. It is recommended that students take this course in Grade 10. | |

**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.*

| BEGINNING KINESIOLOGY | |
|---|---|
| **Course Code: 08017G1000** | **1 Credit** |
| **Prerequisite:** | ***Required for Graduation** |
| NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION. Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses. | |

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

## REQUIRED ELECTIVES FOR GRADUATION

| WORLD LANGUAGE | CAREER TECHNICAL EDUCATION | FINE ARTS |
|---|---|---|
| Students are required to obtain three credits from world 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. | | |
| *World Language:* Spanish and French | | |
| *Career Technical Education:* Marketing Principles, Hospitality Management & Marketing, Sports and Entertainment Marketing, Cooperative Education, Career Pathway Project in Marketing, Personal Finance, selected ACCESS courses or LCCTC offerings | | |
| *Fine Arts:* Media Art I, Concert Band, Band, Choir, Theatre, ACCESS Offerings,Visual Arts | | |

### WORLD LANGUAGE COURSES

| Course Number | Course Name | Credit | Additional Information |
|---|---|---|---|
| 24102G1000 | French I | 1.0 | May be an ACCESS course |
| 24103G1000 | French II | 1.0 | May be an ACCESS course |
| 24052G1000 | Spanish I | 1.0 | May be an ACCESS course |
| 24053G1000 | Spanish II | 1.0 | May be an ACCESS course |

| FRENCH I | |
|---|---|
| **Course Code: 24102G1000** | **1 Credit** |
| **Prerequisite:** | |
| Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of French-speaking cultures. This course may be offered through ACCESS. | |

| FRENCH II | |
|---|---|
| **Course Code: 24103G1000** | **1 Credit** |
| **Prerequisite: French I** | |
| Listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of French-speaking cultures. This course may be taught through ACCESS. | |

| SPANISH I | |
|---|---|
| **Course Code: 24052G1000** | **1 Credit** |
| **Prerequisite:** | |
| Listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures. This course may be taught through ACCESS. | |

| SPANISH II | |
|---|---|
| **Course Code: 24053G1000** | **1 Credit** |
| **Prerequisite: Spanish I** | |
| Listening and speaking skills including understanding and responding to directions, commands, and questions; reading with comprehension main ideas from simple texts; writing with comprehension short presentations; further understanding of Spanish-speaking cultures. This course may be taught through ACCESS. | |

| CAREER TECHNICAL EDUCATION (CTE) MARKETING ELECTIVES | | |
|---|---|---|
| **Course Number** | **Course Name** | **Credit** |
| 12164G1001 | Marketing Principles | 1 |
| 12159G1001 | Hospitality Management & Marketing | 1 |
| 19262G1001 | Personal Finance (ACCESS) | 1 |
| 10019E1000 | Advanced Placement (AP) Computer Science Principles | 1 |
| 12197G1003 | Career Pathway Project in Marketing | 1 |
| 12197G1003 | Sports and Entertainment Marketing | 1 |
| 22998G1014 | Cooperative Education | 1 |

| **MARKETING PRINCIPLES** | |
|---|---|
| **Course Code: 12164G1001** | **1 Credit** |
| **Prerequisite:** | |
| Marketing Principles is designed to provide students with an overview of marketing concepts. The course addresses the ways in which marketing satisfies consumer and business needs and wants for products and services. Areas emphasized include economics, entrepreneurship, information management, finance, marketing, product and service planning, promotion, pricing, selling, interpersonal skills, and international marketing. A 10th grade required elective. This course works towards receiving your college and career readiness standard for graduation. | |

| **HOSPITALITY MANAGEMENT AND MARKETING** | |
|---|---|
| **Course Code: 12159G1001** | **1 Credit** |
| **Prerequisite:** | |
| Hospitality Management and Marketing 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. The course also focuses on the marketing aspect of hospitality and tourism, including sales, promotions, advertising, and public relations. This course may be selected as one of three electives offered for 11th grade. This course works towards receiving your college and career readiness standard for graduation. | |

| PERSONAL FINANCE | |
|---|---|
| **Course Code: - 1926G1001** | **1 Credit** |
| **Prerequisite:** | |
| Personal Finance is a foundational course that introduces students to the principles of financial literacy for achieving personal goals. This course is designed to inform students about how the choices they make directly influence their occupational goals, future earning potential, and long-term financial well-being. Content provides opportunities for students to explore consumer behavior, legislation, consumer protection, consumer rights and responsibilities, financial decision-making, advertising and promotional techniques, individual and family money management, banking services, use of credit, income tax, and technology. This course will be taught through ACCESS. | |

| ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES | |
|---|---|
| **Course Code: 10019E1000** | **1 Credit** |
| **Prerequisite:** | **Fee: Cost of AP Exam (Approx. $100)** |
| College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. This course may be taught as a yearlong ACCESS course may fulfill the AP component of the honors endorsement. This course earns an additional 1.0 quality point of weighted credit. | |

| CAREER PATHWAY PROJECT IN MARKETING | |
|---|---|
| **Course Code: 12197G1003** | **1 Credit** |
| Career Pathway Project (CPP) in Marketing is a capstone course designed for students who have completed two or more Career and Technical Education credits from the same pathway in the Marketing Career Cluster. This course allows students to utilize the knowledge and skills gained through their secondary coursework in a practical, real-world experience that showcases their learning. It provides an opportunity for a student to choose an area of interest and explore it in depth while demonstrating problem-solving, decision-making, and independent-learning skills. The CPP contributes to an educational plan of challenging courses and practical experiences that prepares students for the workplace or for pursuing further education. | |

| SPORTS AND ENTERTAINMENT MARKETING | |
|---|---|
| **Course Code: 12163G1003** | **1 Credit** |
| Sports and Entertainment Marketing is a specialized course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. This course introduces the student to the major segments of the industry and the social and economic impact the industry has on local, state, national, and global economies. Although no prerequisite is listed, it is suggested that students complete an introductory marketing course prior to taking Sports and Entertainment Marketing. This course may be selected as one of three electives offered for 11th grade. This course works towards receiving your college and career readiness standard for graduation. | |

| COOPERATIVE EDUCATION | |
|---|---|
| **Course Code: 22998G1014** | **1 Credit** |
| A one-credit work-based experience requiring a minimum of 140 continuous and successful hours of employment performed under the supervision of a workplace mentor and the work-based learning/cooperative education coordinator. This course is only available for 11th and 12th graders. This course may be selected as one of three electives offered for 11th grade. Student must be in a declared Marketing Career and Technical Education Pathway and meet College and Career Readiness Requirements. | |

| FINE ARTS COURSES | | |
|---|---|---|
| **Course Number** | **Course Name** | **Credit** |
| 05102G1001 | Concert Band I | 1 |
| 05102G1002 | Concert Band II | 1 |
| 05102G1003 | Concert Band III | 1 |
| 05102G1004 | Concert Band IV | 1 |
| 05060G1001 | Musical Theatre I | 1 |
| 05060G1002 | Musical Theatre II | 1 |
| 05060G1003 | Musical Theatre III | 1 |
| | Musical Theatre IV | 1 |
| 05111G10C1 | Chamber Chorus I | 1 |
| 05111G10C2 | Chamber Chorus II | 1 |
| 05111G10C3 | Chamber Chorus III | 1 |
| 05111G10C4 | Chamber Chorus IV | 1 |
| 05165G1001 | Visual Arts | 1 |

| **TRAD AND EMERS ENS, CONCERT BAND I (YEAR LONG)** | |
|---|---|
| **Course Code: 05102G1001** | **1 Credit** |
| **Prerequisite:** | |
| 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. | |

| TRAD AND EMERS ENS, CONCERT BAND II (YEAR LONG) | |
|---|---|
| **Course Code: 05102G1002** | **1 Credit** |
| **Prerequisite: TRAD AND EMERS ENS, CONCERT BAND I** | |
| PREREQUISITE: INTRODUCTION TO CONCERT BAND OR APPROVAL OF THE INSTRUCTOR. 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. | |

| TRAD AND EMERS ENS, CONCERT BAND III (YEAR LONG) | |
|---|---|
| **Course Code: 05102G1003** | **1 Credit** |
| **Prerequisite: TRAD AND EMERS ENS, CONCERT BAND I AND II** | |
| PREREQUISITE: CONCERT BAND II OR APPROVAL OF THE INSTRUCTOR. 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. | |

| TRAD AND EMERS ENS, CONCERT BAND IV (YEAR LONG) | |
|---|---|
| **Course Code: 05102G1004** | **1 Credit** |
| **Prerequisite: TRAD AND EMERS ENS, CONCERT BAND I, II, AND III** | |
| PREREQUISITE: CONCERT BAND LEVEL III OR APPROVAL OF THE INSTRUCTOR. 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 studentsâ€™ 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 concert band music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts. | |

| MUSICAL THEATRE I (YEAR LONG) | |
|---|---|
| **Course Code: 05060G1001** | **1 Credit** |
| **Prerequisite:** | |
| This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to explore musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. | |

| MUSICAL THEATRE II (YEAR LONG) | |
|---|---|
| **Course Code: 05060G1002** | **1 Credit** |
| **Prerequisite: MUSICAL THEATRE I** | |
| PREREQUISITE: INTRODUCTION TO MUSICAL THEATRE I OR APPROVAL OF THE INSTRUCTOR. This one credit course, accomplished level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will continue to use their acting and musical talent to refine their musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. | |

| MUSICAL THEATRE III (YEAR LONG) | |
|---|---|
| **Course Code: 05060G10023** | **1 Credit** |
| **Prerequisite: MUSICAL THEATRE I AND II** | |
| PREREQUISITE: MUSICAL THEATRE II OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Student will demonstrate concepts and skills on how musical theatre communicates ideas and allows for self-expression. Students will use their acting and musical talent to refine their musical theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. | |

| MUSICAL THEATRE IV (YEAR LONG) | |
|---|---|
| **Course Code: 05060G1004 (Shred out course)** | **1 Credit** |
| **Prerequisite: MUSICAL THEATRE I, II, AND III** | |
| PREREQUISITE: MUSICAL THEATRE III OR APPROVAL OF THE INSTRUCTOR. This one credit course, advanced level, continues the study of musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment. Student will demonstrate concepts and skills on how musical theatre communicates ideas and allows for self-expression. Students will use their acting and musical talent to refine their musical theatre technique equivalent to college-preparatory or honors to reinforce a continued enjoyment of theatre. Students will study the history of musical theatre and perform solo, duo and group musical theatre works. | |

| CHAMBER CHORUS I (YEAR LONG) | |
|---|---|
| **Course Code: 05111G10C1** | **1 Credit** |
| This is a one credit course, novice level, designed for beginning music students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. | |

| CHAMBER CHORUS III (YEAR LONG) | |
|---|---|
| **Course Code: 05111G10C3** | **1 Credit** |
| PREREQUISITE: CHAMBER CHORUS II OR APPROVAL OF THE INSTRUCTOR This is a one credit course, proficient level, designed for students to increase artistry by exploring choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. | |

| CHAMBER CHORUS IV (YEAR LONG) | |
|---|---|
| **Course Code: 05111G10C4** | **1 Credit** |
| PREREQUISITE: CHAMBER CHORUS III OR APPROVAL OF THE INSTRUCTOR This is a one credit course, accomplished level, designed for students with multiple years of high school study to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will continue to develop vocal skills and sight-reading techniques. This level is designed to extend studentsâ€™ choral skills and artistry and to provide a deeper understanding and appreciation of the study of music. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issue, and self-reflection. This course is designed for a small ensemble, such as Madrigals or Chamber Choir. | |

| VISUAL ARTS, CRAFTS I | |
|---|---|
| **Course Code: 05165G1001** | **1 Credit** |
| This one credit course, novice level, it is the first of a sequential high school course focusing on craft arts. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how craft arts communicate ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a general foundation in functional art including the history of crafts, crafts of various cultures, studio practice in a variety of crafts media, safe studio practices, proper care and storage of supplies and equipment, aesthetics, criticism, and elements and principles of design. | |

# Non-CTE Career Electives

| **MEDIA ART I** | |
|---|---|
| **Course Code: 05250G1001** | **1 Credit** |
| **Prerequisite:** | |
| This is a one credit course, proficient level, introduction to the creative and conceptual aspects of designing media arts experiences and products, including techniques, genres and styles from various and combined mediums and forms, including moving image, sound, interactive, spatial and/or interactive design. Typical course topics include: aesthetic meaning, appreciation and analysis; composing, capturing, processing and programming of media arts products, experiences and communications; their transmission, distribution and marketing; as well as contextual, cultural, and historical aspects and considerations.This course will be offered through Bright Thinker. | |

| **ROBOTICS** | |
|---|---|
| **Course Code: 23992X10RA, 23992X10RB, 23992X10RC, 23992X10RD** | **1 Credit** |
| **Prerequisite: Teacher Approval** | |
| 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. | |

| **DRIVERS EDUCATION** | |
|---|---|
| **Course Code: 08152G1000** | **0.5 Credit** |
| **Prerequisite: ALABAMA ISSUED DRIVERS PERMIT** | |
| Safe driving theory; in class study; driving hazards; boating safety; behind the wheel experience; safety practices. | |

| **CREATING ENTREPRENEURIAL OPPORTUNITIES (CEO)** | |
|---|---|
| **Course Code: 22994X10CO** | **2 Credits** |
| Creating Entrepreneurial Opportunities is a year-long course designed to utilize partnerships that provide an overview of business development and processes. Our local business community partners with area schools to create project-based experiences for students by providing funding, expertise, meeting space, business tours, and one-on-one mentoring. Students visit area businesses, learn from guest speakers, participate in a class business, write business plans, and start and operate their own businesses. Business concepts learned through the experiential CEO class are critical: the 21st century skills of problem-solving, teamwork, self-motivation, responsibility, higher-order thinking, communication, and inquiry are at the heart of a student's development throughout the course. (Grades 11-12 only). Application and interview process. *UAH Dual Enrollment option*. | |

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RENAISSANCE SCHOOL

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