

Arab High School



Course Catalog 2022-2023

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INVEST IN OTHERS • SERVE OUR COMMUNITY • SEEK GROWTH

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INTRODUCTION

Arab High School welcomes you to its 2022-2023 student body. It is hoped that you participate in the various school programs and find yourself challenged to achieve beyond your expectations. The following information should be helpful as you select courses for the school year and your four-year program/plan.

Arab High offers a wide variety of academic courses and extracurricular activities. By working cooperatively with counselors, teachers, and parents, each student develops a program of study. Each program is designed with certain regulations based on the student's ability, stamina, willingness to work, and career preference. It is the policy of Arab High School to offer courses and activities regardless of national origin, ethnic group, religious beliefs, race, gender, or challenging conditions or circumstances.

Attendance is extremely important. Daily attendance, daily lesson preparation, and study habits are the keys to the learning process. Regardless of the reason, a student who is absent misses valuable instruction and student/teacher interaction. Students do not receive credit for make-up work for unexcused absences. Excessive absences can lead to failure. Please review the Arab City Schools Parent/Student Handbook for details on student attendance.

The school day requires seven hours of instruction. All students will be enrolled full time with no early dismissal except through cooperative work programs or accelerated college enrollment for qualified juniors or seniors. Full time enrollment requires a student to take each of the four academic courses each year - English, mathematics, science, and social studies.

Promotion

In high school, a pupil's progress from one grade to the next is based on the number of earned credits. Students are required to complete one unit from each of the four academic areas each year. Students with deficiencies in required subjects need to enroll in summer school. Promotion standards are below:

To 10 th	6 credits
To 11 th	12 credits
To 12 th	18 credits
Graduation	24 credits

Extra-curricular Activities & Athletic Eligibility

Arab High School utilizes the following regulations for eligibility by students to participate in athletics and/or extra-curricular activities:

1. Each student entering grades 10, 11, and 12 must have passed during the last two semesters in attendance and summer school, if applicable, at least six (6) Carnegie units of credit, including one credit each in English, science, social studies, and mathematics (core courses). A composite numerical average of 70 must be attained in those six subjects.
2. Physical education may count as only one (1) unit per year.
3. No more than two (2) Carnegie units may be made up during summer school. Summer school work may substitute for regular schoolwork failed in computing the 70 average.
4. Eligibility may be determined before the start of each new school year or at the beginning of the second semester. A student who is academically eligible at the beginning of the school year remains eligible for the remainder of that school year so far as grades are concerned. A student who regains eligibility at the beginning of the second semester remains eligible for the remainder of the second semester.

5. Each eligible student must meet the definition of a regular student as defined by the Alabama High School Athletic Association. To be eligible, 9th, 10th, and 11th grade students must be carrying at least six new units. 12th graders on track for graduation with more than the required number of units earned must be carrying at least four new units for the year. 7th and 8th graders must be carrying at least five new subjects.
6. This policy applies to all athletic and extracurricular activities.

Students deemed ineligible for participation under rules of this policy may continue in coursework but shall not be allowed to participate in extracurricular activities or athletic events. Events (examples only) such as club conventions, parades, other types of trips and competitions, trips by tour companies, performance at various meetings, etc. are extracurricular and students academically ineligible under this policy shall not be allowed to participate.

NCAA Requirements for College Athletes

It is the student's responsibility to review the NCAA requirements and schedule classes accordingly. Students must make sure the NCAA Initial-Eligibility Clearinghouse has the documents to certify eligibility. Not all courses at AHS meet the NCAA eligibility requirements. Please see the athletic director, school counselor, or a principal for assistance or questions.

CREDIT RECOVERY GUIDELINES

In accordance with the guidelines of the Alabama Department of Education (ALSDE), Arab High School will offer students who have received failing grades in courses that are required for graduation an opportunity to recover the lost credit by requiring students to credit recover the lowest semester grade from a course which was failed. Such students must meet eligibility requirements to apply, and the Credit Recovery Program must be operated under the guidelines established by the ALSDE and Arab City Schools.

Student Eligibility, Admission, and Removal

Students are eligible to apply for Credit Recovery if the final yearly average earned in a course required for graduation was **45** or above. Alternatively, such a student can choose to repeat a course in its entirety during the next regular school term. The student and parent/guardian must sign the application to consent to placement in the program and to acknowledge agreement with the terms of admission and program requirements. Students may be removed from a Credit Recovery Program at the discretion of the administrator supervising the program for circumstances involving serious or repeated misbehavior, failure to adhere to program attendance requirements, or failure to make adequate progress towards meeting remediation requirements.

Credit Recovery Program Authorization and Operation

A summer school tuition fee of **\$150.00 per course** must be paid to participate in the program and will be nonrefundable should the student be dismissed from the program. The operating hours of the summer program will be from **8:00 am** until **12:00 pm** on dates determined by ACCESS. Credit Recovery programs operating during the summer term or outside the normal school hours will be supervised by an administrator. Teachers working with students in Credit Recovery will be trained and certified as a facilitator through ACCESS. Credit Recovery Program offerings may be limited by the availability of space, teachers, or appropriate computer-based content for specific courses.

Instructional Content and Curriculum

Instruction will be delivered through ACCESS. The student must complete his or her individual credit recovery course within the published operating dates and hours of the Credit Recovery Program. Students may attempt to recover multiple credits. Instructional assignments will be aligned with the Alabama academic content standards approved by the Alabama State Board of Education. Students will be released from the Credit Recovery Program upon successful completion of credit recovery course regardless of the number of hours of instruction.

Grades and Credit

A maximum grade of 70 may be awarded in a Credit Recovery course. The original failing grade must remain on the transcript.

COLLEGE & CAREER READINESS

The Alabama State Board of Education approved the adoption of the internationally benchmarked Common Core State Standards along with selected Alabama standards in November 2010. By combining both Common Core and Alabama's standards (Alabama's College & Career Readiness Standards), our state has adopted one of the most comprehensive sets of standards in the nation, ensuring that students are prepared for a successful future in the ever-expanding global environment.

ACT defines college and career readiness as “the acquisition of the knowledge and skills a student needs to enroll in and succeed in credit bearing first-year courses at a postsecondary institution (such as a two or four-year college, trade school, or technical school) without the need for remediation.” The College Readiness Benchmark Scores as indicated by ACT are:

	ACT® (11th)
English	18
Math	22
Reading (Social Sciences)	22
Science	23
Writing	7

Advanced Placement (AP) and Honors Courses

Advanced Placement courses are accelerated in rigor and pace. Advanced Placement (AP) allows students to complete college level studies while in high school. Honors courses are designed to prepare students for the rigors of AP. Enrollment in Honors courses does not mean a student must take AP courses.

The VALUE\$ of Advanced Placement

More than 90% of four-year institutions in the United States grant credit on the basis of qualifying AP Exam scores. For more info: www.collegeboard.com/ap/creditpolicy. An AP course experience favorably impacts 85% of admission decisions of selective colleges and universities. AP coursework increases scholarship opportunity and improves chances of college admission. The \$94 AP Exam fee is less than most college textbooks. Arab High School students only pay a \$45 AP exam fee. Students who take AP courses and exams are much more likely than their peers to complete a college degree on schedule in 4 years. (An additional 5th year can cost your family on average between \$18,000 - \$29,000 (www.collegeboard.com/research)). AP prepares students majoring in engineering, biochemistry and other STEM (science, tech, engineering, mathematics) majors in college. AP students perform better in their intermediate-level STEM coursework than students with the same SAT score who had taken the college's own introductory course. "One of the best standard predictors of academic success at Harvard is performance on Advanced Placement Examinations." - William Fitzsimmons, Dean of Admissions & Financial Aid. The testing fee may be reduced or waived based solely upon the guidelines articulated by the AL State Department of Education for free/reduced lunches. Therefore, no student will be denied participation in the AP Program due to financial hardship.

Advanced Placement (AP) Exams

Advanced Placement exams are administered near the end of the school year. Students enrolled in AP courses are required to sign up for the Advanced Placement exam in the spring. AP exam scores range from 1 (no recommendation) to 5 (extremely well-qualified). Scores of 3 and above may lead to college credit and/or advanced placement in particular course areas. Students should check with the guidance office concerning a specific college's advanced placement policies.

Arab High School/Snead State Community College Dual Enrollment Guidelines

Arab High School juniors and seniors may qualify to take dual enrollment courses. Below are the guidelines:

- All students at Arab High School will be enrolled in 7 courses per semester.
- All students must be enrolled in at least 5 courses through Arab High School.
- Students who enroll in dual enrollment courses at Snead State will attend those classes during 1st/2nd period. **The location and time of these classes is subject to change based scheduling through Snead State.*
- Students enrolling in an AHS/SSCC dual enrollment academic program must have a 3.0 cumulative GPA and at the discretion of the administration, must have appropriate attendance and disciplinary histories.
- Students enrolling in an AHS/SSCC dual enrollment academic program must meet the following SSCC guidelines:
 - ACT 20 in English
 - ACT 21 in Math to take Math 112
 - ACT 20 in Reading
 - Or, by achieving placement through a qualifying ACCUPLACER score

- In addition to the preceding academic guidelines, students enrolling in an AHS/SSCC English dual credit academic course must have passed 11th grade AP Language or 11th grade English with a cumulative yearly average of 85.
- In addition to the preceding academic guidelines, students enrolling in an AHS/SSCC math dual credit academic course must have passed Algebra II/Statistics with a cumulative yearly average of 85.
- For 2022-2023, the following dual credit academic courses will be offered by AHS/SSCC:

12th Grade

English 101/102 ****requires extra literature component to be completed at Arab High School**

Math 112/113

Speech 106

Psychology 200

OR

Cybersecurity (1st year) Fall Semester - CIS 161/200 Spring Semester - CIS 171/200

Cybersecurity (2nd year) Fall Semester - CIS 260/251 Spring Semester - CIS 214/282

11th Grade

Cybersecurity (1st year) Fall Semester - CIS 161/200 Spring Semester - CIS 171/200

ENG 101/102 must be taken in order to receive one Carnegie unit of English toward graduation with an Alabama High School Diploma. ENG 101/102 also requires a local literature component to be completed at Arab High School. MTH 112/113 must be taken in order to receive one Carnegie unit of mathematics toward graduation with an Alabama High School Diploma.

******It is the student's responsibility to register for dual enrollment classes through SSCC.******

******These courses must be pre-paid at the time of the Fall 2022 enrollment period for Snead State.******

******ALL DUAL CREDIT STUDENTS WILL NEED TO SEE A COUNSELOR OR ADMINISTRATOR FOR THE COURSE REGISTRATION CODES NEEDED******

PROCESS OF SCHEDULING

Arab High School is on a 7-period day. As you will see in the course offerings section, courses are either one semester (.5 credit) or a full year (1.0 credit) in length. Please be sure that the total of all your requests adds up to 7 full credits of study. Also, registering for a class **does not guarantee** that you will be assigned to that class. Please select **at least** two alternate class choices, so that we can complete your schedule.

Course Selection

Complete your Course Request Form and obtain necessary signatures. This form will be kept in your student portfolio for future reference during your years as a student at Arab High School. All students are encouraged to consider a variety of information when choosing courses (PreACT, PSAT, ACT, and previous grades). Students planning to attend college are encouraged to contact several colleges in which they are interested to determine the academic requirements for admission, as well as AP score acceptance. This should be done early and reviewed each year.

Schedule change requests after May 6 will require completion of Schedule Request Change Form. Forms are available in the guidance office.

Note: Unique situations that have not been addressed in the guidelines above will be decided by the Principal with consensus of the administrative staff of Arab High School.

GPA Scale (Class of 2025 and 2026)

<i>Grade</i>	<i>GPA</i>	<i>Honors, Advanced, Dual Credit GPA (0.5)</i>	<i>AP GPA (1.0)</i>
90 - 100	4.00	4.50	5.00
89 - 80	3.00	3.50	4.00
79 - 70	2.00	2.50	3.00
69 - 60	1.00	1.50	2.00

DIPLOMA OPTIONS

Graduation requirements are subject to change pending Alabama State Department of Education decisions. The default diploma for all students is the Alabama High School Diploma. Should a student and his/her parent or guardian determine that the Alabama High School Diploma is not appropriate for the student's educational needs, the parent or guardian may choose to change the student's diploma track to the Alabama High School Advanced Diploma or the Alabama High School Honors Diploma. This change in diploma type may occur prior to the student entering high school or at logical points through the student's high school experience.

ALABAMA HIGH SCHOOL DIPLOMA (24 Carnegie Units)

English -- 4 units

Social Studies -- 4 units

Mathematics -- 4 units (Geometry w/Data Analysis, Algebra 1 w/Probability, Algebra II w/Statistics, and one other specialized course)

Science -- 4 units (Must include Biology and a physical science)

Physical Education -- 1 unit

Health Education -- ½ unit

Career Preparedness -- 1 unit

CTE and/or Foreign Language and/or Arts Education -- 3 units (students are encouraged to complete two courses in sequence)

Electives -- 2 ½ units

ACADEMIC ENDORSEMENT

1 AP Class with 70 Avg. or 3, 4, or 5 on AP Exam

This Endorsement only applies to the standard Alabama High School Diploma.

ALABAMA HIGH SCHOOL ADVANCED DIPLOMA

Minimum Requirements

All the requirements for the Alabama High School Diploma + the following:

Completion of AP English 11 and 2 additional AP courses with 70 avg. or 3, 4, or 5 on the AP Exam

English- AP English 11

Math- Precalculus

Science- 2 out of 5 from the following upper level science courses:

(Chemistry, Anatomy/Physiology, AP Chemistry, AP Biology, AP Physics)

Foreign Language- 2 years

ALABAMA HIGH SCHOOL HONORS DIPLOMA

Minimum Requirements

All the requirements for the Advanced Diploma with a total of 5 AP Courses

Completion of 5 AP classes with 70 avg. or 3, 4, or 5 on the AP Exam

Overall GPA- 3.5

In addition to these 3 Diplomas, students will have the opportunity to add the following endorsement:

CAREER TECH ENDORSEMENT

Students must complete any 3 CTE classes. 2 out of the 3 Classes must be in sequence.

This endorsement can be applied to all 3 diploma types.

Algebra I or Accelerated Math 8 taken in Grade 8 will satisfy a math prerequisite for all Diploma types. Foreign Language Courses passed in Grade 8 will satisfy the prerequisite for a first-year foreign language course for the two years required for the Advanced Academic Diploma. (See Foreign Language Section for conditions/prerequisites.) Students will still be required to earn 24 high school units (credits). **NO HIGH SCHOOL UNITS (CREDITS) ARE GIVEN FOR COURSES TAKEN IN MIDDLE SCHOOL, EVEN IF THEY SATISFY A GRADUATION REQUIREMENT.

COURSE OFFERINGS

ENGLISH			
ENGLISH CORE			
Number	Course	Credit	Exam Fee
01001G1000	English 9	1.0	
01001H1000	Honors English 9	1.0	
01002G1000	English 10	1.0	
01002H1000	Honors English 10	1.0	
01003G1000	English 11	1.0	
01005H1000	AP English Language and Composition (11 th Grade Only)	1.0	\$45
01004G1000	English 12	1.0	
01006H1000	AP English Literature	1.0	\$45

Graduation requirements: Four credits to include the equivalent of English 9, English 10, English 11, and English 12.

English 9

Prerequisite: None

These young readers will move to literary criticism based on critical principles instead of personal reaction. Students will gain a mastery of literary vocabulary and focus on critical principles in writing responses to serious literature. Students will continue to use simple, well-practiced patterns but gain experience in more complex, less familiar forms. In expressing themselves, students will gain experience in more complex forms of writing and explore mature means of expressing appropriate for adult-level writing, speaking, and presenting. These experiences seek to influence students to become lifelong readers and appreciators of language and literature. Summer reading is required.

Honors English 9

Prerequisite: Honors English 8 with an 85 average and/or an average of 90 in English and/or teacher recommendation.

This accelerated course helps to prepare students for the rigor of AP. Students will gain a mastery of literary vocabulary and focus on critical principles in writing responses to serious literature. Students will continue to use simple, well-practiced patterns but gain experience in more complex, less familiar forms. In expressing themselves, students will gain experience in more complex forms of writing and explore mature means of expressing appropriate for adult-level writing, speaking, and presenting. These experiences seek to influence students to become lifelong readers and appreciators of language and literature. Summer reading is required.

English 10

Prerequisite: English 9

Course covers Early American Literature (pre-1900) through reading, writing, and vocabulary activities. This course fulfills the requirements needed for post-secondary education including college preparation. Summer reading is required.

Honors English 10

Prerequisite: Honors 9 with an 85 average and/or teacher recommendation OR a 90 average in English 9 and/or teacher recommendation.

This accelerated pace course covers Early American Literature (pre-1900) through reading, writing, and vocabulary activities. This course provides skills for literary analysis of readings, as well as advanced composition that will prepare students for Advanced Placement English Language or Advanced Placement English Literature. Summer reading is required and students will be tested during the first week of the semester.

English 11

Prerequisite: English 10

Contemporary American Literature (1900-present) will be emphasized with strong emphasis on literary analysis and argumentative writing. Vocabulary expansion, comprehension, and word recognition are emphasized in reading activities. This course fulfills the requirements needed for post-secondary education including ACT test preparation in reading and English. Summer reading is required.

AP English Language and Composition

Prerequisites: Honors English 10 with an 80 average and/or teacher recommendation OR English 10 with a 90 average and/or a teacher recommendation.

This Advanced Placement course is accelerated in rigor and pace. Advanced Placement (AP) English Language is a **college level course** which provides skills for rhetorical analysis of writings, as well as advanced composition (portfolio, essays and on-demand assignments). It is designed for advanced readers and writers who are eager to examine the use of language in depth. Summer reading is required. A list will be provided in April. This course fulfills the English 11 core requirement. This is an **intensive reading and writing** course that parallels to English 101 and 102 at the college level. **Participation in the national AP test is a mandatory component of this course.**

English 12

Prerequisite: English 11

This course is a survey of classical British Literature from the Anglo-Saxon period to the Modern Age. Students will engage in critical listening, speaking, reading, and writing activities designed to integrate the strands of the language arts and further develop thinking and problem-solving abilities. This course fulfills the requirements needed for post-secondary education including college preparation. Summer reading is required.

AP English Literature and Composition

Prerequisite: AP Language and Composition with a 80 average or teacher recommendation OR English 11 with an 85 average or teacher recommendation.

This Advanced Placement course is accelerated in rigor and pace. Advanced Placement (AP) English Literature is a college level elective course that provides skills for literary analysis of literature, as well as advanced composition. Summer reading is required. This course fulfills the English 12 core requirement. **Participation in national AP test is a mandatory component of this course.**

Reading List for English/Language Arts Courses

** Paperback/hardcover/pdf copies available. **This list may change.** Please DO NOT purchase these books in advance***

English 9	<i>Fahrenheit 451</i> – Ray Bradbury; <i>To Kill a Mockingbird</i> - Harper Lee; <i>Romeo and Juliet</i> – Shakespeare; <i>The Odyssey</i> – Homer
Honors English 9	<i>Fahrenheit 451</i> – Ray Bradbury; <i>Romeo and Juliet</i> – Shakespeare; <i>The Odyssey</i> – Homer ; <i>Night</i> –Elie Wiesel; <i>To Kill a Mockingbird</i> -Harper Lee (Summer Reading)
English 10	<i>Warriors Don't Cry</i> – Melba Beals; <i>The Scarlet Letter</i> – Nathaniel Hawthorne; <i>Julius Caesar</i> – Shakespeare; <i>The Adventures of Huckleberry Finn</i> – Mark Twain
Honors English 10	<i>The Scarlet Letter</i> – Nathaniel Hawthorne; <i>Julius Caesar</i> – Shakespeare; <i>The Adventures of Huckleberry Finn</i> – Mark Twain; <i>Warriors Don't Cry</i> – Melba Beals (Summer Reading)
English 11	<i>Hamlet</i> – Shakespeare; <i>The Great Gatsby</i> – F. Scott Fitzgerald; <i>Of Mice and Men</i> - John Steinbeck
AP Language (11)	<i>In Cold Blood</i> - Truman Capote; <i>Thank you for Arguing</i> - Jay Heinrichs (Summer Reading) <i>Doubt: A Parable</i> - John Patrick Shanely; <i>The Great Gatsby</i> - F. Scott Fitzgerald
English 12	<i>Macbeth</i> - Shakespeare; <i>1984</i> – George Orwell; <i>Big Fish</i> – Daniel Wallace
AP Literature (12)	<i>The Tempest</i> – Shakespeare; <i>Things Fall Apart</i> – Chinua Achebe; <i>Anthem</i> – Ayn Rand; <i>Life of Pi</i> – Yann Martel; <i>Frankenstein</i> – Mary Shelley; <i>How to Read Literature like a Professor</i> – Thomas C Foster (Summer Reading); <i>A Doll's House</i> – Henrik Ibsen; <i>Oedipus</i> - Sophocles

****Summer Reading is a requirement for all classes.**

***** PreAP classes may have an additional summer reading requirement above the regular requirement.**

MATH			
MATH CORE			
Number	Course	Credit Fee	EXAM
02073G1000	Geometry with Data Analysis	1.0	
02073H1000	Honors Geometry with Data Analysis (9 th Grade Only)	1.0	
02052G1000	Algebra 1 with Probability	1.0	
02056G1000	Algebra 2 with Statistics	1.0	
02056H1000	Honors Algebra 2 with Statistics	1.0	
02110G1000	Precalculus	1.0	
02110H1000	Honors Precalculus	1.0	
02155G1000	Algebra with Finance (12 th grade only)	1.0	
02124E1000	AP Calculus	1.0	\$45
02203E1000	AP Statistics	1.0	\$45

Graduation requirements: Four credits to include the equivalent of Geometry w/Data Analysis, Algebra 1 w/Probability, and Algebra 2 w/Statistics. To receive a diploma with an advanced academic endorsement, the courses must include Precalculus.

Geometry with Data Analysis

Prerequisite: Math 8 or Accelerated Math 8

In Geometry with Data Analysis, students incorporate knowledge and skills from several mathematics content areas in order to develop a deeper understanding of mathematical knowledge and skills within the discipline. Students will be afforded opportunities to build their reasoning and sensemaking skills, see the applicability of mathematics, and prepare more effectively for future mathematical studies. Geometry increases students' knowledge of shapes and their properties, which leads to the development of visual and spatial sense and strong reasoning skills. Geometry with Data Analysis requires students to make conjectures and to use reasoning to validate or negate these conjectures. The use of proofs and constructions is a valuable tool that enhances reasoning skills and enables students to better understand more complex mathematical concepts. Students receive many opportunities to explore geometry concepts using technology, hands-on activities, and cooperative work. Other topics include parallel and perpendicular lines, polygons, circles, geometric solids, similarity, the Pythagorean Theorem, trigonometric ratios, and transformations. The course also focuses on data analysis, which provides students with tools to describe, show, and summarize data in the world around them. A focus on mathematical modeling and real-world statistical problem-solving is included, providing students opportunities to use technology and other mathematical tools to explore geometric shapes and their properties and to represent and analyze data. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Honors Geometry with Data Analysis

Prerequisite: Accelerated Math 8 with an average of 85 and/or teacher recommendation.

Honors Geometry with Data Analysis covers the same topics as geometry with data analysis with a more in-depth and challenging analysis of the major concepts and more emphasis on theory. Logical thinking is developed through concentration on direct and indirect proofs. Additional topics are locus and analytical geometry. Strong algebra skills are required to be successful in this course. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Algebra 1 with Probability

Prerequisite: Geometry with Data Analysis

This course builds upon algebraic concepts studied in the middle grades. It provides students with the necessary knowledge of algebra and probability for use in everyday life and the subsequent study of mathematics. This course emphasizes functions including linear, absolute value, quadratic, and exponential; and functions as explicit and recursive. Properties of algebra are applied to convert between forms of expressions and to solve equations. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Algebra 2 with Statistics

Prerequisite: Geometry and Algebra 1

Algebra 2 with Statistics is a course designed to extend students' knowledge of algebra with additional algebraic and trigonometric content. The course also includes a study of inferential statistics, which allows students to draw conclusions about populations and cause-and-effect based on random samples and controlled experiments. Mastery of the content standards for this course is necessary for student success in higher-level mathematics. The use of appropriate technology is encouraged for numerical and graphical investigations that enhance analytical comprehension. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Honors Algebra II with Statistics

Prerequisite: Accelerated Math 8 and Honors Geometry with a minimum average of 80 for each course.

Honors Algebra 2 with Statistics covers the same topics as the general course with a more in-depth and challenging analysis of the major concepts and more emphasis on theory. This rigorous course is designed to extend students' knowledge of algebra with additional algebraic and trigonometric content. The course also includes a study of inferential statistics, which allows students to draw conclusions about populations and cause-and-effect based on random samples and controlled experiments. The course challenges students to think critically and to master the content standards necessary for success in higher-level mathematics. The use of technology is used for numerical and graphical investigations to enhance analytical comprehension. The use of a graphing calculator is considered an integral part of the course. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Precalculus

Prerequisite: Algebra 2 with Statistics

This course is considered to be a prerequisite for success in college mathematics. Algebraic, graphical, numerical, and verbal analysis are incorporated during investigations of the Precalculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include appropriate use of technology, such as a graphing calculator, to facilitate continued development of students' higher order thinking skills. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Honors Precalculus

Prerequisite: Honors Algebra 2 with Statistics with a minimum average of 80

This is a college-preparatory course with a rigorous intensity and pace intended for highly motivated students who have successfully completed Honors Algebra 2 with Trigonometry. A variety of topics are reviewed and expanded upon, including trigonometry, complex numbers, functions, and graphing. New content areas, such as polar coordinates, conic sections, vectors, and elementary statistics are also developed thoroughly. The basic Calculus concepts of limits and derivatives are introduced along with a variety of additional topics in order to give the college-bound student a solid foundation for Calculus and other advanced math courses. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Advanced Placement Calculus

Prerequisite: Honors Precalculus with a minimum average of 80

This course is an in-depth study of elementary functions, limits, and differential calculus. Some to most topics of integration are also introduced. Topics covered include transcendental functions, techniques of integration, and applications of integration. A graphing calculator is required. College credit at most universities may be earned for Calculus I by scoring a 3, 4, or 5 on the AP Calculus Exam. **Participation in the national AP test is a mandatory component of this course.** ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

Advanced Placement Statistics

Prerequisite: Algebra 2 with Statistics with a minimum average of 75; completion of at least one Honors course in any content area is strongly recommended

AP Statistics is accelerated in rigor and pace. Students should expect intensive coursework and assessments that are comparable to any college Introductory Statistics course. AP Stats introduces students to concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to five main conceptual themes: descriptive statistics, experimental design and simulation, linear regression, probability, and inference. Students must have strong reading and writing skills in order to be successful in this course. **Participation in the national AP Exam, given is a mandatory component of this course.** College credit may be earned for an Introductory Statistics course by scoring a 3, 4, or 5 on the AP Exam. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR**

Algebra with Finance (12th grade only)

Prerequisite: Algebra 1, Geometry, and Algebra 2 with Statistics

Algebra with Finance is a one-credit 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. ****THIS COURSE REQUIRES A TI-84 Plus CE CALCULATOR.**

MATH CURRICULUM TABLES by GRADUATING CLASS

AHS Class of 2023	
Current Math Class (2021-2022)	2022-2023
Algebra 2 w/Statistics	Precalculus or AP Statistics or Algebra w/Finance
Honors Algebra 2 w/Statistics	Honors Precalculus or Precalculus (Teacher recommendation only) or AP Statistics
Geometry	Algebra 2 w/ Statistics
Honors Geometry	Honors Algebra 2 w/ Statistics or Algebra 2 w/ Statistics (teacher recommendation only)
Honors Precalculus	AP Calculus or AP Stats or Algebra w/ Finance (teacher recommendation)
Precalculus	AP Statistics or Algebra w/ Finance (teacher recommendation)
AP Statistics	Precalculus or Algebra w/ Finance (teacher recommendation)

AHS Class of 2024		
Current Math Class (2021-2022)	2022-2023	2023-2024
Geometry	Algebra 2 w/ Statistics	Algebra w/ Finance or Precalculus or AP Statistics
Honors Geometry	Honors Algebra 2 w/ Statistics or Algebra 2 w/Statistics (teacher recommendation)	Honors Precalculus or Precalculus or AP Statistics
Algebra 2 w/ Statistics	Precalculus or AP Statistics	Precalculus or AP Statistics or Algebra w/Finance
Honors Algebra 2 w/ Statistics	Honors Precalculus or Precalculus	AP Calculus or AP Statistics or Algebra w/ Finance (teacher recommendation only)
*Precalculus and AP Statistics cannot be repeated in 12th grade.		

AHS Class of 2025			
Current Math (2021-2022)	2022-2023	2023-2024	2024-2025
Geometry	Algebra 1 w/ Probability	Algebra 2 w/Statistics	Algebra with Finance or Precalculus or AP Statistics
Honors Geometry	Honors Algebra 2 w/Statistics or Algebra 2 w/Statistics (teacher recommendation only)	Honors Precalculus or Precalculus or AP Statistics	AP Calculus or AP Statistics or Algebra w/ Finance (teacher recommendation only)
*Precalculus and AP Statistics cannot be repeated in 12th grade.			

AHS Class of 2026 and FORWARD

Current Math (2021-2022)	2022-2023	2023-2024	2024-2025	2025-2026
Accelerated Math 8	Honors Geometry w/Data Analysis OR Move down to Math 8 track if needed.	Honors Algebra 2 w/Statistics OR Move down to Math 8 track if needed.	Honors Precalculus or Precalculus	AP Calculus or AP Statistics or Algebra w/ Finance (teacher recommendation only)
Math 8	Geometry w/ Data Analysis	Algebra 1 w/ Probability	Algebra 2 w/ Statistics	Precalculus or Algebra with Finance or AP Statistics

*Precalculus and AP Statistics cannot be repeated in 12th grade.

SCIENCE			
SCIENCE CORE			
Number	Course	Credit	EXAM Fee
03051G1000	Biology	1.0	
03051H1000	Honors Biology	1.0	
03159G1000	Physical Science	1.0	
03101H1000	Honors Chemistry	1.0	
03008G1000	Earth and Space Science	1.0	
03003G1000	Environmental Science	1.0	
03053G1000	Anatomy & Physiology	1.0	
03056E1000	AP Biology	1.0	\$45
03106E1000	AP Chemistry	1.0	\$45
03165E1000	AP Physics 1	1.0	\$45

Graduation requirements: Four credits to include Biology, a Physical Science (Physical Science or Chemistry), and two additional Sciences. To receive a diploma with an advanced academic endorsement, the courses must include Biology, a Physical Science (Physical Science or Chemistry), and two additional **Advanced Sciences**.

Biology (9th Grade)

Required for graduation, Biology introduces students to the vast diversity of organisms and the characteristics that define life. Units include biodiversity, cells, interdependence, genetics, and evolution. Inquiry based laboratory work is required. Course work addresses standards to be college and career ready in science.

Honors Biology (9th Grade Only)

This is an accelerated course designed to prepare students for Advanced Placement, but taking AP is not mandatory. This course meets the biology graduation requirement. Biology introduces students to the vast diversity of organisms and the characteristics that define life. Units include biodiversity, cells, interdependence, genetics, and evolution. Inquiry based laboratory work is required. Course work addresses standards to be college and career ready in science.

Honors Chemistry

Prerequisite: Honors Biology; Biology with a minimum avg. of 85; (Completed or currently enrolled in Alg. 2/w Statistics.)

This is an accelerated course designed to prepare students for Advanced Placement Chemistry, but taking AP is not mandatory. This course meets the physical science graduation requirement and may also fulfill one of the “Additional Advanced” Science credits for the Advanced Diploma if both Physical Science and Biology are taken prior.

Physical Science (10th, 11th, 12th Grade)

Surveys concepts taught in chemistry and physics. Requires basic math skills and prepares the student for continued study in science, meets the physical science graduation requirement, and is recommended for students going through Algebra IA and IB to help better prepare them for Chemistry.

Earth and Space Science

Prerequisite: Biology and Physical Science

The Earth and Space Science course is for all high school students. Content focuses on a comprehensive application of all disciplines of science and is based upon the biologically active nature of our ever-changing planet and the integration of systems that constantly evolve. The Earth and Space Science standards provide a depth of conceptual understanding to adequately prepare students for college, career, and citizenship with an appropriate level of scientific literacy. The foundation of the course is taken from two disciplinary core ideas in the Earth and Space Science domain. The first core idea, Earth’s Place in the Universe, addresses the concepts of the universe and its stars, Earth and the solar system, and the history of planet Earth. The second core idea, Earth’s Systems, examines Earth’s materials and systems, plate tectonics and large-scale system interactions, the roles of water in Earth’s surface processes, weather and climate, and bio-geology. **This course does NOT count as a physical science.**

Environmental Science

Prerequisite: Biology and Physical Science

This course focuses on the study of ecological principles and their application to field studies and human interaction. Students will learn how certain current trends, such as population growth, water pollution, and depletion of natural resources affect the ability of the human population to sustain itself. Ways to modify these trends to benefit civilization is also strongly emphasized. Fieldwork is an integral and required part of this course. **This course does NOT count as a physical science.**

Anatomy & Physiology

Prerequisite: Biology and either Honors Chemistry (recommended) or Physical Science

This course is an in-depth study in human anatomy and physiology with emphasis on all body systems.

Dissection of specimens, including sharks, pigs, and other organisms as available, is required in the course. This course is suggested for those juniors and seniors who plan to enter a medical field. This course fulfills one of the “Additional Advanced” Science credits for the Advanced Academic Endorsement. **This course does NOT count as a physical science.**

Advanced Placement Biology

Prerequisite: Honors Biology; Biology with a minimum yearly average of 85 and Honors Chemistry

Equivalent to first year college major’s biology. Content includes: organisms, populations, structure and function of plants and animals, and ecology. Participation in national AP test is a mandatory component in the rigor of this course. This course fulfills one of the “Additional Advanced” Science credits for the Advanced Academic Endorsement. **Participation in the national AP test is a mandatory component of this course.**

Advanced Placement Chemistry

Prerequisite: Honors Chemistry with a minimum average of 85 and/or teacher recommendation AND Algebra 2 w/stats with a minimum average of 80

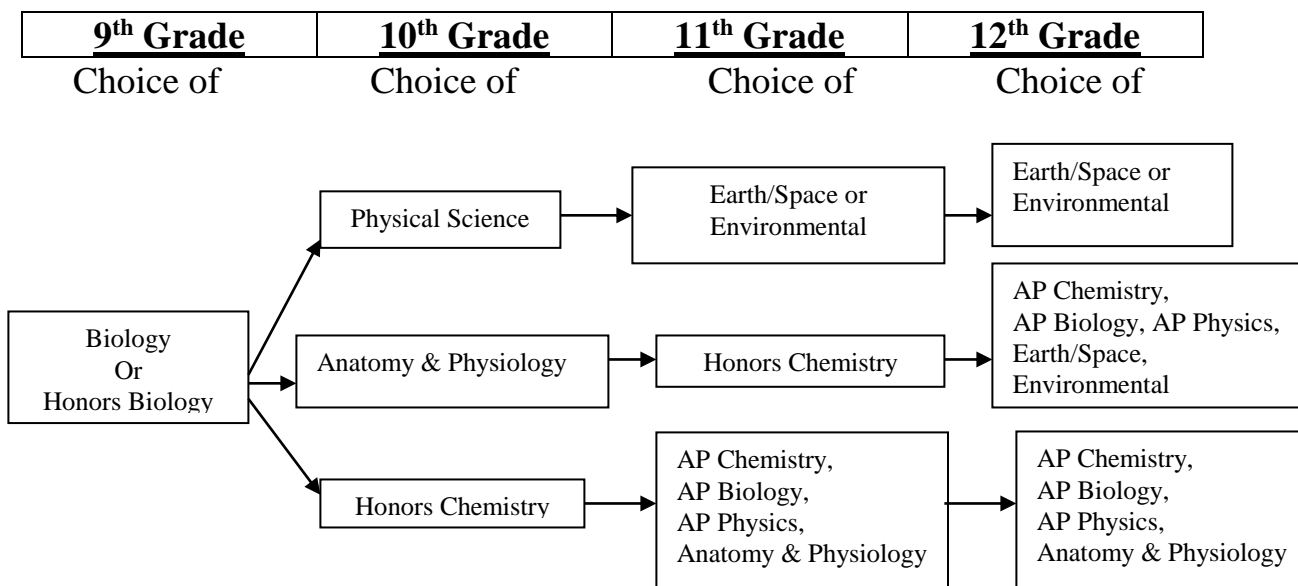
This course is the equivalent of first two semesters of college chemistry (inorganic chemistry). Topics such as the structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, and the basic concepts of thermodynamics are presented in considerable depth. Lab work is an integral part of the course. Chemistry topics stipulated by the College Board will be covered in depth and detail. Participation in national AP test is a mandatory component in the rigor of this course. This course fulfills one of the “Additional Advanced” Science credits for the Advanced Academic Endorsement. **Participation in the national AP test is a mandatory component of this course.**

Advanced Placement Physics I

Prerequisite: Honors Algebra II w/Trigonometry

This course examines the relationship between matter and energy, focusing on mechanics and electric circuits. This course is an excellent preparation for college bound students. A strong background in math (algebra, geometry and trig) is required. This course fulfills one of the “Additional Advanced” Science credits for the Advanced Academic Endorsement. **Participation in the national AP test is a mandatory component of this course.**

SCIENCE CURRICULUM FLOWCHART (2022-2023)



SOCIAL SCIENCE CORE

Number	Course	Credit	EXAM Fee
04053G1000	World History (9 th Grade)	1.0	
04053H1000	Honors World History (9 th Grade)	1.0	
0457E1000	AP World History	1.0	\$45
04102G1000	US History 1 (10 th Grade)	1.0	
04102H1000	Honors US History 1 (10 th Grade)	1.0	
04103G1000	US History 2 (11 th Grade)	1.0	
04104E1000	AP United States History (11 th Grade)	1.0	\$45
04151G0500	US Government	.5	
04157E1000	AP US Government and Politics	.5	\$45
04201G0500	Economics	.5	
SOCIAL SCIENCE ELECTIVES			
04254G1000	Sociology	.5	
02548G1000	Psychology	.5	

Graduation requirements: Four credits to include the equivalents of, Early U.S. History, Modern U.S. History, World History and Geography, U.S. Government and Economics.

World History

Prerequisite: None

This high school survey course covers World History from 1500 to the present. Content standards for this grade incorporate the strands of economics, geography, history, and political science. This curriculum provides opportunities for students to analyze development and changes in the European, Asian, African, and American civilizations and ways in which the interactions of these cultures have influenced the formation of today's world.

Honors World History

Prerequisite: 9th Grade only, 8th grade Honors World History OR teacher recommendation of 8th grade ELA teacher

The purpose of this course is to develop a greater understanding of the evolution of global processes and contacts in different types of human societies. Modern World History/Geography combines factual knowledge and analytical skills while highlighting the nature of changes in global frameworks and their causes and consequences as well as comparisons among major societies. Specific themes such as politics, economics, and geography will be presented in chronological order. Outside reading and assignments will enhance and broaden the subject matter. Particular emphasis will also be given to writing standards with specific analysis of historical context. Attention to recent global developments will provide topics and issues for discussion, debates, and analysis.

AP World History

Prerequisite: 9th Grade only, 8th grade Honors World History OR teacher recommendation of 8th grade ELA teacher.

AP World History is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. **Participation in the national AP test is a mandatory component of this course.**

U.S. History 1

Prerequisite: None

The purpose of this course is to examine the historical and intellectual origins of the United States during the Exploration, Revolutionary, and Constitutional eras. While focusing on political and economic history, this course provides the basic knowledge of American culture through a chronological survey of major issues, movements, people, and events in United States and Alabama History.

Honors U.S. History 1

Prerequisites: 10th grade; Honors English 9 with a minimum average of 85 OR teacher recommendation of 9th Grade ELA teacher
This course contains clear learning objectives for the AP U.S. History exam, emphasizing the development of critical thinking skills used by historians and aligning with contemporary scholarly perspectives on major issues in U.S. history. This course is designed to encourage students to become apprentice historians who are able to use historical facts and evidence in the service of creating deeper conceptual understanding of critical developments in U.S. history. This course will focus on early American history from the arrival of the first Americans through the end of the 19th century.

AP United States History

Prerequisites/Requirements: 11th grade; students must have taken either Honors US History I or Honors English 10 with a minimum average of 85 OR teacher recommendation from the 10th grade ELA teacher.

This course contains clear learning objectives for the AP U.S. History exam, emphasizing the development of critical thinking skills used by historians and aligning with contemporary scholarly perspectives on major issues in U.S. history. This course is designed to encourage students to become apprentice historians who are able to use historical facts and evidence in the service of creating deeper conceptual understanding of critical developments in U.S. history. This course will review early American history but will focus on modern American history from post-Reconstruction (1877) to the present day. **All AP United States History students are required to read (over the summer) *The Jungle* by Upton Sinclair.** This great American novel was published in 1906. This work of historical fiction tells the story of Jurgis Rudkus, a Lithuanian immigrant, who arrives in Chicago's meat packing district determined to live out the American dream. Students should be prepared to answer - in writing during the first week of class - discussion questions pertaining to the novel as a whole. **Participation in the national AP test is a mandatory component of this course.**

U.S. History 2

Prerequisite: U. S. History To 1877

The purpose of this course is to examine the causes and consequences of the Industrial Revolution to America's growing role in present-day diplomatic relations. Emphasis is placed on political, social, ethnic, and international interactions. Knowledge gained is a continuation of the previous year's study of American history. No substitution can be made for college coursework.

Economics & Government *Must register for both classes

Prerequisite: Senior requirement

The study of economics has as its theme the economic problems that surround all consumers. This course is designed to relate personal, economic decision-making to the total economy (Topics include supply and demand, labor, taxation, micro & macro economic concepts, and consumer issues). The government section is the study of the nature and essential functions of federal, state and local government. **Students must pass the required Citizenship test in Government.**

AP Government and Politics *Must Register for ACCESS Economics

Prerequisite: AP US History

College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for U. S. government and politics. **Students will take AP Government and Politics in the spring and Economics in the fall. Participation in the national AP test is a mandatory component of this course.**

Sociology

Prerequisite: None

An elective, Sociology investigates man's social relationships as a science. Sociology is a new area of social science, recently emerged from nineteenth-century social philosophers and social reformers. An applied method of study is used as the approach to investigate social problems in our society. These problems cover a variety of topics—crime, minorities, population, group behavior, goals, the family, and social institutions. This course does not substitute for the required social studies curriculum.

Psychology

Prerequisite: None

Psychology, an elective, examines the major areas of the discipline combining theory with a variety of practical applications. Its coverage extends from ways we use psychology in daily life to research process used by professional psychologists. The units of study include human development, the bases of behavior, learning and language, motivation and emotion, personality testing, social psychology, research, and careers. This course does not substitute for the required social studies curriculum

Foreign Language				
Number	Course	Credit	Fee	Exam Fee
24052G1000	Spanish 1	1.0	\$10	
24053G1000	Spanish 2	1.0	\$10	
24054G1000	Spanish 3	1.0	\$10	
24055G1000	Honors Spanish Language	1.0	\$10	
24046E1000	AP Spanish Language	1.0		\$45

Graduation Requirements: Students seeking the Honors or Advanced Diploma must complete two years of a foreign language.

Spanish 1

Prerequisite: None

This course is an introduction to the language, customs, and culture of the Spanish-speaking people. Basic grammar and vocabulary are introduced to promote basic communication. Spanish 1 includes frequent testing, homework, class work, and oral participation.

Spanish 2

Prerequisite: Spanish 1

This course continues to grow basic vocabulary and cultural awareness. Students are introduced to more advanced grammar concepts and more verb tenses. Upon completion of this course, students should be able to talk about what they did in the past, what they do in the present, and what they will do in the future. This course includes frequent testing, homework, classwork, and oral participation.

Spanish 3

Prerequisite: Spanish 2

This course is for the more serious Spanish student. It offers maximum opportunity for students to achieve fluency in the language. The objective is to polish previously learned skills and quickly move students toward using more sophisticated language concepts. Increased emphasis on listening, reading, writing and speaking provide students with ample opportunities to engage in effective communication. At the core of instruction is the acquisition of more advanced vocabulary, grammar concepts, and verb tenses.

Honors Spanish Language

Prerequisite: Spanish 3

This course offers students the opportunity to feel fluent in the language. Communication become more natural and spontaneous as students grow in their speaking, writing, reading, and listening skills to a level of comfort and confidence. New grammar skills and vocabulary are learned in the context of authentic materials and cultural discussions.

AP Spanish Language

Prerequisite: Spanish 3 or Honors Spanish Language or instructor approval; 12th grade only

This course promotes communication within six world themes: Families and Communities, World Challenges, Science and Technology, Contemporary Life, Beauty and Aesthetics, and Personal and Public Identities. Grammar and vocabulary are acquired only through the exploration of these themes. Upon completing this course, students should be able to communicate effectively and comfortably about every day issues that are happening in both our country and Hispanic cultures around the world. **Participation in the national AP test is a mandatory component of this course.**

HEALTH, PHYS ED, DRIVER'S ED

Number	Course	Credit	Fee
08051G0500	Health	.5	
08152G1000	Driver's Education	.5	\$30
08017G10B9	Boys P.E. 9 (Beginning Kinesiology)	1.0	
08017G10G9	Girls P.E. 9 (Beginning Kinesiology)	1.0	
08017G10BA	Boys 9 th Athletic PE	1.0	
08017G10GA	Girls 9 th Athletic PE	1.0	
08003G1000	Boys Athletic PE (10-12)	1.0	
08005G1000	Girls Athletics PE (10-12)	1.0	

Graduation Requirements: Students must complete one semester of health and one year of Physical Education to fulfill requirements for graduation. Physical Education students in physical education and/or athletic programs may earn a maximum of credits in this area of 4 units (one per year). Please plan carefully.) (Band and JROTC substitutes for physical education credit under an existing waiver.)

Health

Prerequisite: Required for graduation

Health seeks to provide instruction to develop an understanding of healthy living. Topics include infectious diseases, including AIDS; abstinence education; first aid; CPR; drug awareness and related problems; nutrition; mental health; and safety.

Driver's Education

Prerequisite: Learner's permit

Driver Education provides 30 hours of classroom instruction on traffic laws, safety, and proper driving techniques plus five hours of boater's safety. Students also drive a car while the instructor monitors success. The school policy requires a permit prior to beginning this class.

Boys and Girls P.E. (Beginning Kinesiology)

Students not participating in Credit Advancement or and Athletic P.E. are required to take one year of physical education. Dressing out and participation are the foundations of the grading.

Boys and Girls Athletic PE (9th grade athletes only)

Prerequisite: 9th Grade Athlete

These courses are offered for physical fitness/exercise. Students may earn a maximum of one unit per year within the field of physical education and/or varsity athletics. Dressing out and participation are the foundations of the grading. These courses are offered to students for conditioning and strength training. The keys to success in this class are participation and daily, organized exercise. Students must be physically fit since grades are the result of dressing out and participating in class.

Boys and Girls Athletic P.E. (Varsity) (10th-12th Grade)

Prerequisite: Varsity Athlete

Athletic Program and coaches' approval for all or team classes (Athletic Program requires each year a certified birth certificate, a physical, an emergency information form, and academic eligibility of 70 numerical average.) Emphasis in this conditioning course is on strength, endurance, fitness, and nutrition. Team practices will be held after school. Contact the coach of the sport for a practice schedule or questions.

FINE ARTS			
VISUAL ARTS			
Number	Course	Credit	Fee
05154G1001	Visual Art	1.0	\$10
05195G1021	Two Dimensional Art	1.0	\$20
05195G1031	Three Dimensional Art	1.0	\$30
CHOIR			
05121G1001	Show Choir	1.0	\$40
05121G1002	Show Choir 2	1.0	\$40
THEATRE			
05060G1001	Musical Theatre 1	1.0	\$40
05060G1002	Musical Theatre 2	1.0	\$40
05060G1003	Musical Theatre 3	1.0	\$40
05056G1001	Technical Theatre Production 1	1.0	
BAND			
05103G1001	Marching Band/Concert Band	1.0	Uniform, Camp, Trav.
05109G1001	Percussion	1.0	Uniform, Camp, Trav.

Graduation Requirements: All students in may combine one year of fine arts with Foreign Language or CTE to complete diploma requirements. Please plan carefully.

Visual Arts

Prerequisite: None.

The art segment explores the world of Visual Arts. A study of the history and origin of basic art forms seeks to develop an appreciation for art. Included among the topics are famous artists and their styles and various cultures throughout the world. This foundation course includes projects to further develop an understanding of art history.

Two Dimensional Art

Prerequisite: Teacher approval and Visual Arts Level I

This advanced art course will continue to explore art media and techniques. Art theory and appreciation will continue to be stressed as well as exploring the elements and principles of art through two-dimensional design. Students will explore and use a variety of media and techniques to create depth on a flat surface. This will include drawing, painting, printmaking, and graphic design.

Three Dimensional Art

Prerequisite: Teacher approval and Visual Arts Level I

Explore the elements and principles of art through there-dimensional design. Students will explore and use a variety of media and techniques to create various types of sculpture.

Show Choir

Prerequisite: None

This course is available for first-year choral students regardless of grade level. This ensemble will perform and compete in all choral activities, and students will be eligible for individual events throughout the year. *This course fulfills the freshmen P.E. requirement.*

Show Choir 2

Prerequisite: Audition only

Students will qualify for this course through auditions and will participate in competitive performances throughout the year.

Musical Theatre 1

Prerequisite: None

This is a beginner's theatre course that focuses on theatre terminology, stage direction, and history. This course does not require a stage performance component.

Musical Theatrical 2

Prerequisite: Theatre and Audition or Teacher Approval

This class is designed for students who wish to gain experience in stage performance. Students will participate in theatrical games and activities and be allowed opportunities to compete in theatrical competitions.

Musical Theatre 3

Prerequisite: Teacher Approval

Students will be involved in theatrical performances.

Technical Theatre Production 1

Prerequisite: Theatrical Performance or Teacher Approval

Students will be involved in a variety of AMT Productions

Marching Band/Concert Band

Prerequisite: Audition and teacher approval.

This ensemble is offered to students in Grades 9 - 12. This course will include the study of wind literature and performance. Students must demonstrate a high level of music proficiency. Students not presently enrolled in the band program must receive prior approval before requesting this class. *This course fulfills the freshmen P.E. requirement.*

Percussion/Marching Concert Percussion

Prerequisite: Audition and teacher approval.

This ensemble is offered to students in Grades 9 - 12. This course will include the study of percussion literature and performance. Students must demonstrate a high level of music proficiency. Students not presently enrolled in the band program must receive prior approval before requesting this class. This course fulfills the freshmen P.E. requirement.

BUSINESS AND CAREER TECHNOLOGY EDUCATION			
Number	Course	Credit	Fee
12008G1002	Multi-Media Publications	1.0	\$30
12008G1001	Multi-Media Design	1.0	\$30
22153G1000	Career Preparedness	1.0	
10019E1000	AP Computer Science Principles	1.0	\$45 exam fee
10102G1002	Information Tech Support and Services (Sports Production)	1.0	

Career Preparedness (Required for 9th Grade Students)

Prerequisite: None

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

Multimedia Publications

Prerequisite: Career Preparedness

Multimedia Publications is a course designed to provide students with the ability to utilize digital equipment and multimedia digital imaging software, produce interactive media projects, and develop publication layouts. Basic photography concepts will be explored. Students will use various hardware including iMacs, graphics tablets, scanners, digital cameras, and more. Software includes Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Students will also be allowed the opportunity to become an Adobe Certified Associate in these programs.

Multi-Media Design

Prerequisite: Multimedia Publications

Multimedia Design is designed to provide students with skills involving presentations, desktop publishing, web publishing, and digital graphics. Students will use various hardware as well as the Internet for integrating skills to create a variety of publications. Software includes Adobe Dreamweaver, Adobe Animate, Adobe Premiere Pro, and exploring new Adobe applications as they are released. Students will be allowed the opportunity to become an Adobe Certified Associate in these programs.

Information Tech Support and Services (Sports Production)

Prerequisites: Completion of Multimedia Publication and Multimedia Design with a minimum average of 85 AND recommendation of a Business Education teacher.

This course is designed for students who would like to become members of the Sports Production Team. This team films and photographs various events for Arab City Schools. They are also tasked with creating graphics to be used by Arab Knights Sports to promote athletic events. Students enrolled in the course will need to be proficient in Adobe Photoshop, Adobe Illustrator, and Adobe Premiere Pro. Adobe After Effects will be explored throughout this course. Team members also need to be available to film and photograph events after school and on weekends.

Advanced Placement Computer Science Principles

Prerequisite: Algebra II/Trig (previously or concurrently) and completed 10th grade

College-level course following the College Board Advanced Placement (AP) curriculum for computer science. This course serves as an introduction to many areas in the field of computing, and DOES NOT require previous computing or programming experience. We introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Participation in the national AP test is a mandatory component of this course. **Participation in the national AP test is a mandatory component of this course.**

HEALTH SCIENCES			
Number	Course	Credit	Fee
14002G1001	Foundations of Health Science (10 th Grade)	1.0	\$25
14299G1001	Human Body Structures (11 th Grade)	1.0	\$25
14062G1001	Sports Medicine Intermediate	1.0	\$20
14062G1002	Sports Medicine Advanced	1.0	\$20
14298G1000	Health Science 12 Internship	1.0	\$20 Fee, \$25 Ins.,
15051G1000	Health Science 12 Patient Care Technician	1.0	\$35 Uniform

Foundations of Health Science- (Health Science 10)

Prerequisite: Completed ninth grade

This is a one-unit course that introduces students to a wide range of career opportunities, history, and trends in the area of health science. This course is designed to give an overview of the therapeutic, diagnostic, environmental, and information systems of the health care industry. Providing the framework for a strong health care delivery system, topics include promotion of safety in the health care environment, medical terminology, basic structure of the human body, health care systems, vital signs, first aid/CPR, ethical and legal responsibilities, and environmental health.

Human Body Structures (Health Science 11)

Prerequisite: Biology and completed tenth grade

Human Body Structures and Functions is a one-credit foundation course that provides students with the opportunity to demonstrate mastery of the normal structure and function of the human body. The course uses an integrated approach for teaching medical terminology related to health awareness, health practice, and health careers through instruction in the areas of anatomy, physiology, microbiology, pathophysiology, and the disease process. **The *Language of Medicine* textbook is recommended.**

Sports Medicine Intermediate

Prerequisite: Grades 11 and 12 only

Sports Medicine Intermediate is a one credit course that teaches fundamental skills to include therapeutic exercise regimens within the field of sports medicine. Students will explore the study of sports medicine and the relationship to risk management and injury prevention. Students will be expected to demonstrate an understanding of anatomy and physiology, with emphasis on the musculoskeletal system. The importance of health promotion, wellness, injury and disease prevention will be emphasized. Students will examine sports medicine facilities, policies, procedures, and protocols will be utilized in patient care.

Sports Medicine Advanced

Prerequisite: Sports Medicine Intermediate or Teacher Approval

Sports Medicine Advanced is a one credit course with strong emphasis on musculoskeletal injuries as well as the psychological and sociological responses to injuries and illness. Students will demonstrate critical thinking skills, patient care skills related to prevention, rehabilitation, and management, and communicate appropriate outcomes through oral and written communication. Course content will include an understanding of basic pathophysiology, kinesiology, and principles of treatment. An analysis of a variety of health situations involved in the sports medicine pathway will be conducted through project based learning, laboratory, simulation, and clinical experiences.

Health Science 12 Internship

Health Science 12 Patient Care Technician

Prerequisite: Senior & Human Body Structures/Function (Register for both courses for the senior class.) (By application only)

Health Science 12 Internship is designed to provide for the development of multi-occupational knowledge and skills related to a wide variety of health careers. Through the cooperation of community health facilities, the student will participate in an on-site clinical training program. This senior-level program emphasizes the importance of project, service, and work-based experiences. Students are required to purchase a uniform and liability insurance. The Hepatitis B vaccine is required to enter the program. The cost is the responsibility of the student.

Patient Care Technician is a course that provides students the opportunity to become effective and efficient multi-skilled healthcare providers. Students will develop a working knowledge of advanced patient care skills, vital signs, 12-lead EKG's, oxygen therapy, basic phlebotomy via simulation, and specimen collection and processing. Essential workforce skills and safety will be emphasized, as well as, professional ethics and legal responsibilities. Students will ascertain employability skills and soft skills required by business and industry. Upon successful completion of required theory, lab, and simulation, students are required to take the Patient Care Technician Certification.

FAMILY AND CONSUMER SCIENCES

Pathway 1 – Family Studies and Community Services		Credit	Fee	Pathway 2 - Fashion		Credit	Fee
19251G1000	Family and Consumer Sciences (FACS)	1.0	\$25	19251G1000	Family and Consumer Sciences (FACS)	1.0	\$25
19252G1000	Food and Nutrition	1.0	\$30	05190G1001	Fashion I	1.0	\$20
19252G0500	Introduction to Foods	0.5	\$30	05190G1002	Fashion II - Design	1.0	\$20
16057G1000	Event Planning	1.0	\$20	12153G1001	Fashion III – Merchandising	1.0	\$20

Fashion 1

Prerequisite: Family and Consumer Science, Grades 10-12

Fashion is for students who are interested in clothing fashions, fashion accessories, textiles, and fashion design. The course introduces students to the selection and care of clothing and accessories for individuals and families. Course content provides opportunities for students to explore factors that influence apparel choice, apparel history, current fashion trends, proper care and maintenance of apparel, laws and legislations regarding the apparel industry, apparel design, apparel repair and construction, wardrobe planning, technology in the apparel industry, and career options in the apparel and textile industries.

Fashion II: Fashion Design

Prerequisite: Fashion I

Fashion II is the second class in the Fashion Pathway; it is designed for students interested in pursuing a career in fashion and related fields. Entrepreneur skills are a large focus as students utilize technology in the billion dollar industry of monograms and run “Couture Creations”. Content provides opportunities for students to study past and present fashion design, careers, and apparel and textiles industries. Leadership skills and workplace-readiness skills are largely incorporated to broaden opportunities for personal and professional growth.

Fashion III: Fashion Merchandising

Prerequisite: Fashion II

Fashion III is the final course for students in the Fashion Pathway and who are interested in the fashion and retail industry. Content provides opportunities for students to explore factors related to the retail industry, examine structure and organization of fashion business operations, study merchandising techniques, utilize technology in fashion merchandising, and explore career options. Students will gain advanced employability and leadership skills while running “Couture Creations” monograms.

Family & Consumer Science

Prerequisite: Grades 9 or 10

FACS is a one-credit course designed to assist students in recognizing the roles, responsibilities, and importance of the family. Opportunities such as family food, clothing, housing, financial and consumer needs are explored. Topics covered are goal setting, etiquette, table setting, marriage readiness, parenting issues, balancing work and family. Concepts presented for study include decisions as a responsible young adult, assessing effects of technology on the family, and career options.

Food and Nutrition

Prerequisite: Family and Consumer Science, Grades 10-12

Students in Food and Nutrition explore the relationship of food to nutrition, fitness, and wellness while preparing food creatively. The course addresses nutrition need across the life span, meal planning, food preparation, food safety and sanitation, meal service, etiquette, and culinary art. This course also assesses the impact of technology on food production and the creative expression of foods. Laboratory experiences are a significant part of this course. Students are also eligible to participate in Family, Career, and Community Leaders of America (FCCLA) to enhance leadership and participate in community service projects.

Intro to Foods

Prerequisite: Family and Consumer Science, Grades 10-12

Students in Food and Nutrition explore the relationship of food to nutrition, fitness, and wellness while preparing food creatively. The course addresses nutrition needs across the life span, meal planning, food preparation, food safety and sanitation, meal service, etiquette, and culinary art. This course also assesses the impact of technology on food production and the creative expression of foods. Laboratory experiences are a significant part of this course. Students are also eligible to participate in Family, Career, and Community Leaders of America (FCCLA) to enhance leadership and participate in community service projects. This is a half-credit course.

Event Planning

Event Planning is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and décor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients include planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of event. Students will demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principal, as well as being prepared for various career opportunities in event planning.

Family, Career and Community Leaders of America (FCCLA), an integral part of the curriculum, provides opportunities to apply instructional competencies and workplace readiness skills, enhances leadership development skills, and provides opportunities for community service.

AGRI-SCIENCE			
Number	Course	Credit	Fee(s)
18003G1001	Agri-Science	1.0	\$20 Fee \$15 FFA
18003G1002	Intermediate Agri-science	1.0	\$20 fee \$15 FFA
18501G1002	Animal Science	1.0	\$10 fee \$15 FFA
18105G1012	Introduction to Veterinary Science	1.0	\$10 fee \$15 FFA
18404G1001	Introduction to Metal Fabrication	1.0	\$20 Fee \$15 FFA
18404G1002	Agri-metal Fabrication	1.0	\$20 Fee \$15 FFA
18003G1004	Applied Agricultural Mechanics	1.0	\$20 fee \$15 FFA

Agri-science

Prerequisite: Ninth and tenth grades only

Agri-science is a prerequisite for some other shop-related Agri-science Education classes. This class provides students with a general overview of the Agriculture, Food, and Natural Resources Cluster, which contains five pathways: Power, Structure, and Technical Systems; Environmental and Natural Resources; Animal Systems; Plant Systems; and Agribusiness Systems. Areas of study include plant science, soil science, animal science, wildlife science, environmental science, forestry, shop safety, woodworking, metalworking, and small engines, technology, and leadership. Learning is accomplished through work in the classroom, laboratory activities, and trips outside the class environment.

Intermediate Agri-science

Prerequisite: Agri-science

Intermediate Agri-science is a one credit course that provides a more in depth fundamental coverage of Agriculture, including power, structure, and technical systems; environmental and natural resources systems; animal systems; plant systems; and agribusiness systems. . The curriculum will provide opportunities for credentials utilizing resources from the Alabama Green Industry Training Center and NCCER to include an opportunity for credentialing in six electricity standards as well as four plumbing standards. Students will gain additional knowledge of careers in the Agri-science field, as well as shop safety, woodworking, metalworking, and small engines. Learning will be accomplished through classroom work, laboratory activities, as well as trips outside the class environment.

Animal Science

Prerequisite: Agri-science

Animal Science provides students with instruction regarding this area of the agricultural industry. Students participate in activities related to the animal science field as they engage in topics such as career opportunities, safety, importance of the livestock industry, breed identification and characteristics, nutrition, disease and parasite control, genetics, and reproduction, animal rights versus animal welfare, and animal production and animal products. Learning is accomplished through work in the classroom, laboratory activities, and field trips.

Introduction to Veterinary Science

Prerequisite: Animal Science or teacher signature / administrator approval

Introduction to Veterinary Science is a more in depth look into animal health and handling and welfare. This class will be valuable for students who are considering a career in the Animal Science industry. Students will learn the various careers in the veterinary field, and be able to identify safety precautions for veterinary science personnel. Describe normal and abnormal animal behaviors. Students will learn various body systems of animals, including skeletal, muscular, circulatory, respiratory, nervous, urinary, endocrine, and digestive system. Students will learn procedures for administering vaccinations, including subcutaneous and intramuscular. Learning is accomplished through classroom, laboratory, and field trips.

Introduction to Metal Fabrication

Prerequisite: Agri-science, Grades 10-12

Introduction to Metal Fabrication allows the student to gain knowledge in many areas of metalworking as it relates to agriculture. In this class students will learn the safe use and operation of an electric arc welder, wire welder, oxyacetylene torch, plasma torch, chop saw, and other tools used in metalworking. Topics include career opportunities, safety, identification and selection, metal preparation and finishing, metal cutting, weld quality, and shielded arc welding. Learning is accomplished through work in the classroom and laboratory activities.

Agri-metal Fabrication

Prerequisite: Agri-science, Intro to Metal Fabrication, Grades 11-12.

Agri-metal Fabrication is an advanced class that will provide instruction in Gas Metal Arc Welding (GMAW). Topics will include safety, equipment setup, joint design, and preparation. Students will be able upon successful completion of this course to perform fillet welds in the flat, horizontal and vertical positions. This will be accomplished through classroom and laboratory instruction and activities.

Applied Agricultural Mechanics

Prerequisite: Agri-science and Seniors only; teacher signature/ administrator approval

Applied Agricultural Mechanics is a one credit course that provides students with an advanced understanding of the Agriculture, food and natural resource cluster, which contains five pathways- Power, Structure, and Technical Systems; Environmental and Natural Resource Systems; Animal Systems; Plant Systems; and Agribusiness Systems. Learning will be accomplished through classroom work, ample time in the laboratory to apply content in real world applications, as well as trips outside the class environment.

DRAFTING AND MANUFACTURING				
Number	Course	Credit	Fee	
21106G1013	Intro to Drafting	1.0	\$25	
21106G1023	Intermediate Drafting	1.0	\$25	
21107G1012	Three-Dimensional Solid Model Design I	1.0	\$25	
13203G1001	Introduction to Precision Machine	1.0	\$40	
13204G1002	Introduction to Lathe	2.0	\$20	
13204G1004	Intermediate Lathe			
13203G1002	Introduction Computer Numerical Control	2.0	\$20 + Materials	
13203G1003	Intermediate Computer Numerical Control			

Introduction to Drafting Design

Prerequisite: none

This course is a one-credit course that serves as an introduction to the Drafting Design technology field. Essential information is provided that builds a strong foundation and emphasizes safety, tools and procedures, geometric construction, sketching, dimensioning practices, visualization, and orthographic projection concepts. Computer-aided drafting functions and techniques using CAD software applications are introduced. Upon successful completion of this course, students are able to utilize the tools and interpret basic drafting standards to complete a multi-view drawing.

Intermediate Drafting

Prerequisite: Introduction to Drafting Design

Course is designed to further the development of students' knowledge regarding the use of drafting design practices and procedures. Students expand their ability to illustrate more complex objects using the computer-aided drafting (CAD) system. Topics include sectioning, auxiliary views, threads and fasteners, pictorials, and the continuation of conventional dimensioning practices. Upon successful completion of the course, students are able to develop section views, primary auxiliary views, thread presentations and pictorial views, and apply dimensions properly on a drawing.

Three-Dimensional Solid Model Design I

Prerequisite: Intermediate Drafting

Three-Dimensional Solid Model Design I is a one-credit course intended to introduce students to three-dimensional modeling utilizing three-dimensional capabilities of computer-aided design (CAD) software. Emphasis is placed on working planes, profile creation, protrusions, extrusions, and rendering techniques. Students create two-dimensional part drawings relative to three-dimensional models. The prerequisite for this course is Intermediate Drafting Design.

Introduction to Precision Machining (Year one of machining courses.)

Prerequisite: None

These courses are offered to 1st year students (any grade) to provide an introduction to various manufacturing processes and job opportunities in precision machining.

Introduction to Lathe (Year 2 of machining courses)

Intermediate Lathe (Year 2 of machining courses)

Prerequisite: Intro to Precision Machining

These courses are offered to students seeking to continue in the 2nd year of this program. These courses introduce students to various manufacturing processes and job opportunities. Topics include safety, mathematics, measurement, blueprint reading, layout, bench work, sawing, drilling, turning, and grinding metals. Laboratory experiences are a valuable means of practicing and fostering skills. Skills reflect the manufacturing industry and provide instruction recommended by the National Skill Standards of the Nation Tooling and Machining Association and the National Institute for Metal-Working Skills. Students must take both of these courses concurrently.

Introduction to Computer Numerical Control (Year 3 of machining courses)

Intermediate Computer Numerical Control (Year 3 of machining courses)

Prerequisite: Introduction to Precision Machining & Intro to Lathe

(Students must have safety glasses, dial calipers, and a blueprint book.)

These courses are offered to students seeking to continue the 3rd year of this program. These courses introduce students to various manufacturing processes and job opportunities in manufacturing. Students use critical-thinking skills and principles of science, mathematics, and safety. Students must meet the goals and expectations of business and industry. Topics include lathe operations, milling techniques, drill press, and grinding techniques. Job shadowing and internships are appropriate work-based learning strategies for this course. These courses continue instruction in the manufacturing process and job opportunities for students pursuing career in manufacturing. Student instruction in manufacturing reflects the National Skills Standard of the National Tooling and Machining Association and National Institute for Metalworking Skills (NIMS). Topics include advanced milling and grinding operations, CNC programming, set-up, and proper operations. Students must take both of these courses concurrently.

JROTC			
Number	Course	Credit	Fee
09051G1001	JROTC - Army Leadership Training 1	1.0	\$10
09052G1001	JROTC - Army Leadership Training 2	1.0	\$10
09053G1001	JROTC - Army Leadership Training 3	1.0	\$10
09054G1001	JROTC - Army Leadership Training 4	1.0	\$10

Junior Reserve Officers' Training Corps (JROTC) Program

Course Prerequisites: Completion of the eighth grade

The mission of the Army High School Junior Reserve Officers' Training Corps (JROTC) is to motivate young people to be better citizens. Leadership and management training are emphasized throughout this program to prepare the students for responsible citizenship and to make the student fully aware of opportunities and benefits derived from their participation. In addition to leadership and management training, students also receive training in drill and ceremonies, first aid, geography, study skills, American history, and government. They are given "hands-on" experience in positions requiring progressively higher degrees of leadership and responsibility each year. All uniforms and textbooks are provided by the United States Army at no cost to the student. Parents become responsible for government-issued items until they are returned at the end of the school year or when the student leaves the program for any reason.

JROTC is offered as a one year/1.0 credit. Students may enter the program during the fall of their 9th - 12th grade years. The prerequisite to JROTC I, II, III is: a student must not have a medical condition or impairment that would preclude his/her full participation in JROTC. Students may earn a Physical Education/LIFE credit for successful completion of one year of JROTC. Students' grades are based on academic and leadership performance. Academic grades are determined by quiz and examination scores. The leadership grade is based on appearance, attitude, conduct, and leadership and management performance

There is no active duty obligation incurred from enrollment in the JROTC program. However, satisfactory completion of the program can provide the following benefits: (a) Improved chance of selection for ROTC scholarships or service academy appointments; (b) Advanced placement in the college ROTC programs; (c) Advanced rank and pay grade in the Active Duty, Reserve, or National Guard Forces; (d) An opportunity to develop leadership and management skills with the ability to live and work cooperatively with others.

The JROTC program has much to offer young men and women who want to get the most out of their high school years. What they learn in this program will be useful now and in the future.

JROTC I – Army Leadership Training 1

Prerequisite: Completion of the eighth grade

This course presents the history, purpose, and objectives of the ROTC program; wearing of the uniform; customs and courtesies of the service; and respect for the flag and National Anthem. The primary emphasis of this course of instruction is the introduction to leadership theory and the development of leadership principles in each student. Students are also introduced to citizenship, leadership theory and application, communication skills, and first aid.

JROTC II – Army Leadership Training 2

Prerequisite: Completion of the JROTC I

This course continues the instruction in leadership and management, discussion of self-concept, elements of the leadership process, and management characteristics and functions. Emphasis is placed on practical exercise in the development of leadership and management skills, drill and ceremony, and the value of physical exercise and conditioning activities. To enhance their leadership potential, students are placed in various leadership positions within the cadet corps. Intermediate courses on first aid, geography, earth science, citizenship, American government, and communications are continued.

JROTC III – Army Leadership Training 3

Prerequisite: Completion of the JROTC II and approval from the SAI/AI.

This course continues the discussion of military leadership and managerial techniques; the building of teamwork and team spirit; the problem-solving process; duties and responsibilities of a leader; and practical exercise in leadership development. Military customs, courtesies, citizenship, leadership theory, and foundations for success are continued with the emphasis on "application."

JROTC IV – Army Leadership Training 4

Prerequisite: Completion of the JROTC III and approval from the SAI/AI.

During their senior year, cadets receive extensive "hands-on" experience in leadership and management by filling the senior command and staff positions within the cadet corps. Extracurricular activities include leadership positions in the varsity Precision Drill Team, Color Guard, Military Skills Team, and Rifle Team.

COOPERATIVE EDUCATION AND WORK BASED EXPERIENCE			
Number	Course	Credit	
22998G1004	Cooperative Education Workbased Exp/Apprenticeship (6 th & 7 th periods) 11 th	2.0	
22998G1034	Cooperative Education Workbased Exp/Apprenticeship (6 th and 7 th periods) 12 th	2.0	

Cooperative Education is a structured component of the Career and Technical Education (CTE) curriculum that integrates classroom instruction with productive, progressive, supervised, work-based experiences/apprenticeships (Paid) and internships (Unpaid), related to students' career objectives. Content is planned for students through a cooperative arrangement between the school and employer as a component of work-based learning.

Cooperative Education/Apprenticeships/Work Based Experience

Prerequisite: Career Preparedness or 1 career technical courses (preference will be given to those with 2 sequential career technical courses); Cooperative Coordinator/Teacher approval

Apprenticeships are paid experiences for eligible 11th and 12th grade students where experiences, hours worked, and wages earned are monitored and documented by the employer and the Cooperative coordinator.

Work-Based Experiences/Internships are unpaid work experiences for eligible 11th and 12th grade students where experiences and hours worked are monitored and documented by a supervisor/mentor and the coordinator.

Students eligible for participation in the Career/Technical Cooperative/Work-Based Education program **must** meet the following criteria:

1. The student has earned one Career/Technical credit and/or Career Preparedness
2. At least 16 years of age and classified as an 11th or 12th grader
3. On track for graduation
4. Clearly defined Career Objective
5. Possesses the knowledge, skills, behavioral qualities, and abilities required for successful employment
6. Physically and mentally capable of performing the essential functions of the desired work-based experience
7. Exemplary attendance, grades, and discipline record
8. Completed Application Packet and Interview process

**** The cooperative education coordinator and/or administration of Arab High School have final say in those students approved for the cooperative education program. *****

Miscellaneous Electives			
Number	Course	Credit	Fee
22006X1000	AP Prep		
11104X10YB	Yearbook Production	1.0	

AP Prep (NO CREDIT)

Prerequisite: Enrollment in 3 or more AP courses for Seniors; Enrollment in three or more Honors/AP courses for Juniors or Sophomores;

This class is designed to provide students with extra time during the school day to work on Advance Placement or Honors coursework. First consideration will be given to Seniors, Juniors and Sophomores.

The following courses qualify for AP Prep consideration:

Mathematics	English-Lang Arts	Science	History	Foreign Language	Elective
AP Calculus	AP Literature	AP Physics I	AP Gment/Econ	AP Spanish	AP Computer Science
AP Statistics	AP Language	AP Biology	AP US History		
Precalculus	Honors Eng. 10	Honors Chemistry	Honors US Hist1		
Honors Alg 2 w/Stats		AP Chemistry			

Yearbook Production

Prerequisite: 'B' average and Teacher Interview

Students design the Arab High School yearbook. Annual staff members are selected in the spring.

ACCESS *			
Number	Course	Credit	Fee
229996X1000	ACCESS		

*ACCESS Distance Learning (Alabama Connecting Classrooms, Educators, and Students Statewide) is an education initiative of the Alabama Department of Education. It provides opportunities and options for Alabama public high school students to engage in Advanced Placement (AP), elective, and other courses to which they may not otherwise have access or be able to schedule. Additional information may be found at <http://accessdl.state.al.us>.

**NON-DISCRIMATORY
STATEMENT**

The Board is an equal opportunity employer, personnel actions and decisions will be made without regard to factors or considerations prohibited by federal or state laws (as such laws may from time to time be amended), including but not limited to race, gender, age, disability, national origin, citizenship, and religious preference, and provide equal access to the Boy Scouts and other designated youth groups. In addition, arrangements can be made to ensure that the lack of English language proficiency is not a barrier to admission or participation. For information regarding the compliance of this statement, you may contact:

Stacie Pace
Title IX Coordinator
Arab City Schools
750 Arabian Drive
Arab, AL 35016
(256) 586-6011

Course Number Reference Guide

English

01001G1000	English 9
01001H1000	Honors English 9
01002G1000	English 10
01002H1000	Honors English 10
01003G1000	English 11
01005H1000	AP Language (11 th)
01004G1000	English 12
01006H1000	AP Literature (12 th)

Mathematics

02073G1000	Geometry with Data Analysis
02073H1000	Honors Geometry with data Analysis
02052G1000	Algebra 1 with Probability
02056G1000	Algebra 2 with Statistics
02056H1000	Honors Algebra 2 with Statistics
02110G1000	Precalculus
02110H1000	Honors Precalculus
02155G1000	Algebra with Finance
02203E1000	AP Statistics
02124E1000	AP Calculus

Foreign Language

24052G1000	Spanish 1
24053G1000	Spanish 2
24054G1000	Spanish 3
24055G1000	Honors Spanish Language
24064E1000	AP Spanish Language

Science

03051G1000	Biology
03051H1000	Honors Biology (9 th Only)
03159G1000	Physical Science
03101H1000	Honors Chemistry
03003G1000	Environmental Science
03008G1000	Earth and Space Science
03053G1000	Anatomy & Physiology
03056E1000	AP Biology
03106E1000	AP Chemistry
03165E1000	AP Physics 1

Social Studies

04053G1000	World History (9 th Grade)
04053H1000	Honors World History (9 th Grade)
04057E1000	AP World History (9 th grade)
04102G1000	United States HY 1
04102H1000	Honors United States HY 1
04103G1000	United States HY 2
04104E1000	AP United States History
04151G0500	Government
04201G0500	Economics
04157E1000	AP Government
04254G1000	Psychology (11 th & 12 th Only)
04258G1000	Sociology (11 th & 12 th Only)

Physical Education

08017G10B9	Boys PE 9
08017G10G9	Girls PE 9
08017G10BA	9 th grade Boys Athletic PE
08017G10GA	9 th grade Girls Athletic PE
08003G1000	Boys Athletic PE (10-12)
08005G1000	Girls Athletic PE (10-12)

Electives

Arts Electives

05154G1001	Visual Art
05195G1021	Two Dimensional Art
05195G1031	Three Dimensional Art
05121G1001	Show Choir
05121G1002	Show Choir 2
05060G1001	Musical Theater 1
0506G1002	Musical Theater 2
0506G1003	Musical Theater 3
05056G1001	Technical Theatre Production 1
05103G1001	Marching Band
05109G1001	Percussion

Business and Career Tech Electives

12008G1002	Multi-Media Publication
12008G1001	Multi-Media Design
22153G1000	Career Preparedness
10019E1000	AP Computer Science Principles (11 & 12)
1012G1002	Information Tech Support and Services

Health Science

14002G1001	Foundations of Health Science (10 th grade)*satisfies health requirement
14299G1001	Human Body Structures and Functions (11 th grade)
14062G1001	Sports Medicine Intermediate
14062G1002	Sports Medicine Advanced
14298G1000	Health Science 12 Internship
14051G1000	Health Science 12 Patient Care Technician

Family and Consumer Sciences

05190G1001	Fashion 1
05190G1002	Fashion 2
12153G1001	Fashion 3
19252G0500	Intro to Foods
19252G1000	Food and Nutrition
16057G1000	Event Planning
19251G1000	Family and Consumer Science

Agri-science

18003G1001	Agri-science
18003G1002	Intermediate Agri-science
18003G1004	Applied Agricultural Mechanics (Sr. only)
18404G1001	Introduction to Metal Fabrication
18404G1002	Agrimetal Fabrication
18501G1002	Animal Science
18105G1012	Intro to Veterinary Science

Drafting and Manufacture

21106G1013	Introduction to Drafting
21106G1023	Intermediate Drafting
21107G1012	Three-Dimensional Solid Model Design I
13203G1001	Introduction to Precision Machine
13203G1002	Intro. to Computer Numerical Control
13203G1003	Intermediate Computer Numerical Control
13204G1002	Introduction to Lathe
13204G1004	Intermediate Lathe

Cooperative Education

22998G1014	Co-op Education (6th & 7th periods) 11th
22998G1034	Co-op Education (6th & 7th periods) 12th

JROTC

09051G1001	JROTC – Army LET 1
09052G1001	JROTC – Army LET 2
09053G1001	JROTC – Army LET 3
09054G1001	JROTC – Army LET 4

Other Electives

08152G1000	Driver's Education
22006X1000	AP Prep
08051G0500	Health
11104X10YB	Yearbook Production