

MCSS

Madison County School System



HIGH SCHOOL ACADEMIC GUIDE AND COURSE CATALOG 2024-2025

Madison County Board of Education, October 2023

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The Madison County School District does not discriminate in admission, treatment, or access to programs or activities on the basis of race, color, national origin, religious preference, disability, age, gender, citizenship, non-English speaking ability, or homeless status. Students with disabilities will be provided with the same needed support and services for extracurricular programs and activities that are provided during the school day, unless doing so would fundamentally alter the nature of the program and activity. The Title IX and ADA Compliance Officer's Contact Information: Mr. Allen Perkins, Assistant Superintendent of Student Services; 1275 F Jordan Road, Building B; Huntsville, AL 35811; Telephone: 256.852.2557; Facsimile: 256.852.1086; Email address: aperkins@madison.k12.al.us

THE MISSION OF MADISON COUNTY SCHOOL SYSTEM

The mission of the Madison County School System is to create and support high quality public schools that maximize student achievement, expand student opportunities, and produce graduates prepared for success in a globally competitive world.

HIGH SCHOOL INSTRUCTIONAL PROGRAM

The high schools (grades 9-12) in Madison County provide approximately 6,000 students with the opportunities to develop academic, personal, social, and career awareness through a comprehensive curriculum. The goal of the Madison County School System is to prepare each student to be college and career ready as he/she graduates from high school. Students entering high school have the opportunity to select a course of study based on their career interests. Some restrictions may apply to the selection of a curriculum based on the academic performance and ability of a student as well as the availability of particular courses.

The Honors curriculum provides students the opportunity to take advanced courses in language arts, mathematics, science, social studies, foreign languages, and studio art. This curriculum consists of Honors, Advanced Placement (AP), and Dual Enrollment (DE) courses. The Dual Enrollment and AP courses allow students to complete college level studies while in high school. These students have excelled in high school, have a high interest in the subject area, and are college-bound. Students are encouraged to request the academic requirements for admission from the colleges they wish to attend and ensure acceptance of AP scores and/or Dual Enrollment credits.

The Career Tech Preparatory curriculum prepares students for advanced courses required by two-year technical and community colleges through a blending of traditional academics and technical courses. This program is designed to be as academically challenging as Honors while ensuring that students are properly prepared to meet the demands of technical schools, two or four-year colleges/universities, and/or the technical job market. Articulated college credit may be issued in many career technical classes if a student makes a grade of 85 or higher. (Students may apply for articulated credit upon enrollment at a junior college.)

Courses listed in this Course Catalog are included in a comprehensive list of all courses taught in the entire Madison County School System. Not all courses will be available at every school. Additional courses may be offered through ACCESS (*Alabama Connecting Classrooms, Educators, and Students Statewide*) or other virtual learning providers. Information about virtual learning opportunities can be obtained at the local schools. If a student opts to take a virtual course for which an equivalent course is available at the school, he/she will be responsible for any textbook or other fees that may be involved in the course.

Madison County Career Technical Center

Students taking Career Technical classes may be required to attend the Madison County Career Technical Center for some courses. Since the Career Technical Center is located off campus, transportation from the local high schools to and from the Career Technical Center is provided at no cost to the students. Students may drive or carpool to the Career Technical Center with parental and local school approval. This transportation option is a privilege and may be revoked at any time.

Block Schedule

All Madison County High Schools currently function on a Block Schedule which is a non-traditional schedule based on four (approximately 80-90 minute) classes per day. Each school may exercise some flexibility to offer some year-long courses within the block schedule. A student will register for eight courses (some schools may also offer a fifth period or a zero period). Students usually take two required core courses and two electives each day. Students will have fewer courses each day on a block schedule, but should be prepared to concentrate more on the courses and use time wisely.

Fee Schedule

A fee is required for certain courses to assist with the cost of equipment, maintenance, and to purchase materials. Students who are not financially able to pay fees may apply for a fee waiver. Fee waiver applications are available at each high school. (A copy of the fee schedule is located in the [Appendix](#).)

Grading Categories

1. Daily Work (40%)
 - a. This category includes assignments, homework, and any other daily activities that contribute to the ongoing learning process.
2. Assessment (60%)
 - a. This category encompasses quizzes, tests, projects, and any other formal assessments designed to evaluate students' understanding of the material.

Final Grade Calculation

40% 1st 9 weeks (40% daily, 60% assessments)

40% 2nd 9 weeks (40% daily, 60% assessments)

20% final exam ([Final Exam Exemption Protocol](#))

**9 week and year long classes configured differently

Grading Scale

Teachers will assign grades and confer academic credit for work and activities performed by students in accordance with objective and generally accepted instructional and grading standards, applicable laws and regulations, and criteria hereinafter specified. Grades for academic coursework will be awarded according to the grading scale located in section 7.3.1 of the Madison County School System's Policy Manual.

Policy 7.3.1

Grading Scale

Grading Scale		Quality Points	
Letter Grade	Course Average (weight included)	Regular	Advanced Placement/Pre-AP/Dual Enrollment/Gilder Lehrman/PLTW/Honors
A	>100	<i>Cannot exceed 100</i>	5
	90-100	4	4
B	80-89	3	3
C	70-79	2	2
D	60-69	1	1
F	0-59	0	0

Awarding Credit

Most high school courses will be block courses (approximately 90 consecutive days) with the exception of courses that are worked into the master schedule as an alternate day year-long course. The State Department of Education designates a few courses as semester courses (approximately 45 days).

- a. A student receiving a passing grade for a block/alternate day course (approximately 90 days) will earn one (1) credit.
- b. A student receiving a passing grade for a 9 week course (approximately 45 days) will earn one-half (1/2) credit.
- c. A student receiving a passing grade for an alternate block year-long course will earn one (1) credit.

Report Cards/Progress Reports

High school students receive report cards for each nine-week period. The report card indicates the students' academic progress. Parents are encouraged to communicate with teachers and request conferences as needed. Progress reports will be issued to all students at the midpoint (4.5 weeks) of each grading period. Additionally, all high school students will be provided information to allow access to their grades online. Custodial parents can receive access to this online information upon request to their child's school. PowerSchool Student Information System is the official gradebook of record for the Madison County School System.

High School Promotion Requirements

High school promotion is based on the successful accumulation of Carnegie credits and completed core course work as follows:

- To be promoted from grade nine to grade ten, a student must have earned six (6) Carnegie credits.
- To be promoted from grade ten to grade eleven, a student must have earned twelve (12) Carnegie credits to include at least eight (8) credits from core courses.
- To be promoted from grade eleven to grade twelve, a student must have earned eighteen (18) Carnegie credits; however, a student may be denied senior status if it is determined that it is not possible for him/her to graduate in May of that particular school year.

Weighting of Advanced Courses

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

The Dual Enrollment Program offers students an opportunity to take college-level courses as part of their regular high school curriculum. A student who passes these courses earns both college and high school credit.

The Honors/Project Lead the Way (PLTW) and Gilder Lehrman Courses are advanced high school courses with no college credit available.

The weighting of grades is designed to encourage students to enroll in more advanced courses. The grades for approved advanced courses will be weighted as follows:

1. A student who completes an AP course and takes the AP exam for that course will have (10) percentage points added to his or her final grade and the transcript.
2. A student who passes a Dual Enrollment course will have (10) percentage points added to his/her final grade. The grade on the college transcript is not weighted. The weighted grade is recorded on the report card and the high school transcript.
3. A student who completes an Honors/Project Lead the Way (PLTW) and/or Gilder Lehrman course will have (5) percentage points added to his/her final grade. The weighted grade is recorded on the report card and the transcript.
4. The weighted grade is used in calculating the Grade Point Average.
5. The weighted Advanced Placement grade, Dual Enrollment grade, and Honors/Project Lead the Way (PLTW) and Gilder Lehrman grades are the only grades reported on the report card and the transcript that can exceed 100 points.

The Value of Advanced Placement

- More than 90% of four-year institutions in the United States grant credit, advanced placement, or both on the basis of qualifying AP exam scores. For more information visit the following website: www.collegeboard.com/ap/creditpolicy.
- AP course experience favorably impacts 85% of admission decisions of selective colleges and universities.
- AP coursework increases scholarship opportunities and improves chances of college admission.
- The cost of the AP exam is less than most college textbooks.
- 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 year can cost your family on average between \$18,000 - \$29,000). For more information visit www.collegeboard.com/research
- AP prepares students majoring in engineering, biochemistry and other STEM (science, technology, 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.

Students participating in Advanced Placement are required to take the National AP Exam as part of the courses' curriculum. This testing fee (approx. \$98 [but can vary school to school due to funding/grants]) may be reduced or waived based solely upon the guidelines articulated by the Alabama State Department of Education for free/reduced lunches. Therefore, no student will be denied participation in the AP Program due to financial hardship. It is highly recommended that students consult with the college(s) of choice, as college credit may be earned by scoring a 3, 4, or 5 on the exam. *Careful attention should be given when selecting an AP course or courses as students will not be allowed to drop an AP course. Consult the grading scale to view the weight given to rigor of the AP program.*

Dual Enrollment

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

1. A student must have written permission from the principal and Superintendent. (*See Appendix for the appropriate form*)
2. A student must be in grade 11 or 12, must have completed all required core courses for grades 9 and 10 (Exceptions may be made to enroll 10th grade students in certain Dual Enrollment courses if

approved at the school and system levels and if they have an exception granted by the participating postsecondary institution upon the recommendation of the student's principal and superintendent and in accordance with AAC Rule 290-8-9-.17 regarding gifted and talented students.).

3. A student must have a "B" average, as defined by the local board of education policy, in completed high school courses. Students enrolled in Grades 10, 11, or 12 who do not have a "B" average in completed high school courses may be deemed eligible to participate in dual enrollment courses pending demonstrated ability to benefit as documented by successful completion and placement identification on assessments approved by the Department of Postsecondary Education. Students eligible under this section will be restricted to pursuing career/ technical and health-related courses. Students enrolled under this provision must have earned a "B" average in high school courses related to the occupational/technical studies, if applicable, which the student intends to pursue at the postsecondary level and have maintained an overall grade point average of 2.50. Students enrolled under this provision must have written approval of the student's principal and superintendent.
4. A student who participates in the dual enrollment program may be required to pay regular tuition as required by the post-secondary institution.
5. Courses taken through dual enrollment shall be at the post-secondary/college level. Remedial post-secondary courses do not meet State requirements.
6. A student completing a post-secondary course will receive a ten (10) point weighted grade which will be recorded on the student's report card, high school official transcript, and included in the GPA calculation. Weighted AP grade, Dual Enrollment grade, and Honors/Project Lead the Way (PLTW) and Gilder Lehrman grade are the only grades reported on the report card and the cumulative record that can exceed 100 points.
7. One (1) three-semester hour postsecondary/college level course shall equal one (1) high school Carnegie credit in the same or related subject unless indicated in the Alabama Dual Enrollment Course HS Subject Area Equivalency List.
8. A student must have written permission to drive and must provide his/her own transportation for courses offered off the high school campus during the normal school day. A student must follow all policies and procedures for driving a vehicle on campus.
9. Madison County Schools has Dual Enrollment agreements with the following colleges and universities:
 - Calhoun Community College
 - Drake State Technical College
 - University of Alabama-Huntsville
 - University of Alabama (Early College)
 - Auburn University (Auburn First)
 - University of North Alabama
 - Jacksonville State University

Graduating with Honors and the Non-Ranked System

A student who maintains a 90 overall average or above for all courses attempted during grades 9 through F12 will graduate with "Honors". Each Madison County High School has discretion to establish special honors in addition to these guidelines. The honor insignia worn during graduation ceremonies may include the insignia that represents the "special honors" established by the Principal of each school and the National Honor society. No other types of insignia will be permitted. Students will be non-ranked within each graduating class in order to more effectively utilize college scholarship opportunities.

Repeating Failed Courses

Students in grades 9-11 will not be allowed to take the next higher level of core courses until the previous level is passed. A student in grades 9-11 who fails a course may repeat the failed course in summer school (or recover the credit in an approved program within the Madison County School System) or during the next school year. A senior may be able to repeat a course failed during the first semester in the second semester of the senior year if it will enable the student to graduate with his/her class.

Credit Recovery

In accordance with Alabama State Department of Education guidelines, Madison County Schools offers students who have received failing grades in select core courses that are required for graduation an opportunity to recover the lost credit through a standards-based approach that targets specific knowledge and skill deficits instead of requiring the student to repeat the entire course. Such students must meet eligibility requirements to apply, and the credit recovery program is operated under board-approved and established guidelines. Instruction is delivered through computer-based instructional software and/or [ACCESS Learning](#) and may also include targeted instruction supervised and managed by a teacher certified in secondary education. Students who complete their individualized remediation plans by demonstrating minimal proficiency in all required standards will receive a grade based on the conversion chart below:

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

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

(See [Appendix](#) for Credit Recovery guidelines)

Credit Advancement

Madison County Schools offer students who exhibit proficiency beyond the level required for all students for an individual course the opportunity to pursue Credit Advancement as an alternative to the traditional Carnegie Unit approach to course completion. For a student to be eligible for Credit Advancement he or she must:

- Be recommended by a current or former teacher of the subject/course being considered for Credit Advancement.
- Have criterion-referenced or norm-referenced test scores that support an above grade-level proficiency of content in the subject/course being considered for Credit Advancement.
- Complete a Request for Credit Advancement form, signed by the custodial parent, the high school counselor, the high school principal, and the Superintendent or Designee.
- Students are limited to 2 credits using the Credit Advancement option.
- Students cannot pursue Credit Advancement for courses with weighted grades.

Credit Advancement may occur in the following two ways:

1. The student may request to take a locally developed End-of-Course Assessment covering all of the

standards of the course before formal enrollment in the course. The End-of-Course Assessment must be given during one of the three available windows (four-week window at the end of term one, four-week window at the end of term two, or during the eight-week summer window). A mastery score of 90 or above must be obtained to receive credit for the course through Credit Advancement, and this score will be included in the student's overall Grade Point Average. If a student (or parent/guardian) does not want to accept (rejects) the student's mastery score of 90 or above, the student may enroll in the course and will take the End-of-Course Assessment as required at the end of the course.

2. The student may show Proficiency during a course and request permission to work ahead through independent and teacher-supported assignments or through online opportunities. At a point jointly agreed upon by the student and teacher of record, the student will be administered the End-of-Course Assessment, and if he or she obtains a proficiency score of 90 or above, the student may move forward into the next course in the sequence of that content area. This situation would offer an opportunity for the student to pursue online options or other local education agency (LEA) developed options for individualized independent study.

The student will be allowed to take each subject area End-of-Course Assessment for Credit Advancement one time. Students should be aware that the National Collegiate Athletic Association (NCAA) may not recognize Credit Advancement for course credit. Please check with the NCAA.

Early/Mid-Year Graduation

Students may graduate early from Madison County Schools by meeting all requirements for an Alabama High School Diploma as described in the Alabama Administrative Code 290-3-1-6 (11) and when the conditions listed below are met.

1. Students must submit their intent to graduate early in writing to the principal the semester prior to their anticipated graduation date.
2. Students who plan to graduate early must follow course sequence/prerequisites.
3. Students who plan to graduate early must have completed a Free Application for Federal Student Aid (FAFSA) or sign a waiver with the school, pass the Alabama Civics exam, and have a College and Career Readiness Indicator. If they do not, they will not be able to graduate early.
4. Students who plan to graduate early will not be given preferential treatment in registration and course selection.
5. Students who plan to accelerate their program of studies for the purpose of early graduation may do so if space is available in classes after grade level students have completed registration.
6. Students who complete graduation requirements early will not be permitted to remain at school during the regular school day. However, they may return to school for senior activities and after school activities provided they remain in good standing with the school and follow the local school procedures for returning to the campus.
7. A student must be a full time student to be eligible to participate in extracurricular activities. Therefore, a student who graduates early will not be eligible for extracurricular activities.
8. Students who complete graduation requirements early will receive their diploma at the regularly scheduled graduation ceremony.

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

Early Release Program

A student may be released from school during the school day and participate in the Early Release Program if he/she meets the following guidelines:

1. The student must be in an approved Technical Education Training Program or a Marketing Education Coop Program; *OR*
2. The student must be enrolled in the Dual Enrollment Program.
3. Prior to approval, a review of the student's transcript must be conducted with the student and parent(s)/guardian(s) by Principal/Counselor.
4. The parent(s)/guardian(s) and Principal must sign the early release form.

Exchange Students

Exchange programs are intended to provide students from other countries an opportunity to experience life in the United States. Due to the rapid growth in Madison County and with crowded conditions in Madison County Schools, foreign exchange students will be admitted to Madison County Schools only under the following conditions:

1. The students/sponsoring family must make a request in writing to the Principal no later than one month preceding the first day of the school year the student wishes to attend school.
2. All exchange students attending school in Madison County will be charged a fee equal to the Alabama State Department of Education's Per Pupil Expenditure. The fee must be paid in full to the school district prior to enrollment. The fee should be paid at the local school.
3. Exchange students will be accepted on a space availability basis.
4. The maximum number of exchange students at any one school should not exceed five (5) students per school year.
5. Exchange students enrolling in Madison County Schools will be placed in an eleventh (11th) grade homeroom.
6. An exchange student will not receive a diploma from Madison County Schools. Their purpose in attending a Madison County school is for enrichment

Online Courses

Madison County Schools recognizes that a one-size-fits-all curriculum is insufficient to address the needs of all students. After researching a variety of ways to better meet our students' needs, our system feels the flexibility created by a virtual curriculum option is critical to our students' future success. Guidelines for online courses are as follows:

- Written approval must be given by the principal and superintendent or designee before the virtual class is begun.
- Students may take a maximum of two courses per semester at their zoned school.
- Virtual courses are required to contain all content identified in the corresponding Alabama Course of Study.
- Virtual course providers must be accredited by an organization approved by the State Board of Education.
- Virtual courses are taken under the supervision of a facilitator at the base school.
- The teacher of record is certified/highly-qualified in the particular subject area.
- If a student is allowed to take a virtual course that is available to him/her at the base school, the student will be responsible for any costs associated with the virtual course.
- Students should be aware that the National Collegiate Athletic Association (NCAA) may not recognize Online Courses for course credit. Please check with the NCAA Clearinghouse for

clarification.

NCAA Requirements for College Athletics

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

Guidelines for Transfer Students

1. An evaluation committee at the local school should review the transcripts of all transfer students to determine the best placement in courses as well as for recognition of credit.
2. In some cases, transfer students who have not been on the block schedule and enter Madison County Schools after twenty (20) school days will be placed into all electives (non-academic courses) for the remainder of the semester and scheduled for the core courses for the second semester. (Students who are placed in elective courses when entering after 20 school days will be expected to attend and participate in all class activities. The individual school will determine whether or not credit will be awarded based on a student's individual circumstances.) However, schools should have the flexibility of placing students in core courses in their area(s) of strength during the first semester if individual circumstances warrant. In each instance, the best interests of the individual student should receive the utmost consideration.
3. A student's grades are to be averaged proportionally based on the number of weeks enrolled in the two schools, and with consideration, that time spent in Madison County Schools is doubled due to the accelerated schedule.
4. Students entering the Madison County School System at the end of the first semester or beginning of second semester should be scheduled for all four core courses for the second semester if possible and if it is in the students' best interests. All transfer credits awarded by a SACS-accredited school will be accepted.
5. Except in case of a bona fide change of residence or other circumstances equally valid for making an exception, a student is not to be graduated from high school unless he/she has been in continuous attendance therein during the entire high school year immediately preceding the date of graduation.
6. Grades transferred from an accredited school will be placed on Madison County Schools' Grade Point Average (GPA) scale using the following guide:
 - a. Give weight to incoming Advanced Placement (or International Baccalaureate), and Dual Enrollment courses based upon the MCS weighted grading scale.
 - b. Give weight only to Honors courses that are recognized as such by Madison County Schools since the Honors level is not nationally standardized.
 - c. Give MCS weight to Advanced Placement (or International Baccalaureate) courses if the previous school did not weight AP since AP is a nationally standardized curriculum.

Guidelines for Transfers from Non-Accredited Schools (to include home/church/virtual schools)

- The evaluation of any student entering a Madison County high school from a non-accredited

institution shall begin with a thorough review of all available standardized test data. In the absence of a transcript from an accredited school, such data provides an objective snapshot of the student's abilities and achievement. Standardized test data that may be considered include the following: ACT and any of its products, SAT, and any other nationally normed standardized instrument that may be deemed appropriate.

- Elective credits (defined as any credits earned in non-core courses) will be accepted without any validation beyond the transcript.
- Credits earned in core courses shall be validated in the following way(s):
 - Any student whose standardized test results demonstrate benchmark-level proficiency in a given core area will be awarded credit for courses completed in that subject area. For example, if a student has scored a 18 on the English subtest of the ACT, his or her English credits earned at the non-accredited school will be deemed valid
 - In the absence of satisfactory standardized test data, students will be required to earn a passing score on targeted exams to demonstrate proficiency in various core academic areas. For example, if a student coming from a non-accredited school has most recently completed Geometry, he or she would be asked to take a cumulative exam provided by the school in which the student wishes to enroll.
 - Whenever possible, the most advanced courses completed in each core academic area will be used to validate the credits earned in the respective natural prerequisites. For example, if a student earns a passing score on a Chemistry exam, then his or her Physical Science credit would also be considered valid without an additional exam because both are physical sciences.
 - When courses in the same academic area are qualitatively different based on standards associated with the subject, additional exams shall be required to validate credits. For example, if a student earns a passing score on a Chemistry exam, his or her credit for that course will be accepted. However, a Biology exam will be required to validate the credit earned for that course because the two courses focus on separate standards. While Chemistry was taken more recently, the additional exam is necessary because the two courses are qualitatively different; one is a physical science while the other is a life science. This may be true of other courses regardless of the grade level taught.

Dropping/Adding Classes

Course selections have a direct bearing on future career decisions; therefore, parents must sign the registration form indicating approval of a student's choices. Extreme care must be exercised in the selection of courses. The master schedule, textbook purchases, and the employment of teachers are based upon the selection of courses by students. Once selections are made, the school is staffed to meet those requests. Principals may approve course changes during the first three (3) days of a term based on documented, extenuating circumstances using procedures established at each school; however, every effort should be made to make necessary course changes prior to the beginning of the term. (Principals have discretion to approve course changes after the first three days of a term if they determine that the unique circumstances of an individual student situation warrant an exception.)

Graduation Requirements

The current high school diploma, which applies to all students beginning with the ninth-grade class in 2013- 2014, was approved by the Alabama State Board of Education in January 2013. For these students, this diploma replaces all variations of the prior diploma. It allows more flexibility for students in pursuing their interests and to enable more balance through equivalent course offerings, preparing students for entry into college as well as careers. There are many differences in the courses students may take with this diploma; everyone will not take the same courses just because there is one diploma. No high stakes test will be attached to the requirements for receiving this diploma.

Each high school student is required to have a four-year plan. It is critical that the plan reflects the student's aspirations for life after high school. Careful consideration should be given to the selection of electives and specific credit-eligible courses to ensure that a student is prepared for postsecondary school, four-year college, and work. Additionally, students are required to complete a Free Application for Federal Student Aid (FAFSA) or sign a waiver with the school and pass the Alabama Civics exam. A College and Career Readiness (CCR) Indicator will be a graduation requirement for the 2026 graduating class. Students entering 9th grade in the 2024-2025 academic year will be mandated to complete a course in personal financial literacy and earn a passing score on a personal financial literacy assessment prior to graduation. Administrators and counselors should continue to review NCAA requirements for prospective student athletes before approving their electives and specific credit eligible courses.

For clarification purposes, the following definition will apply to the following:

- FAFSA in Alabama
The State Board of Education passed a requirement that high school seniors complete the Free Application for Federal Student Aid (FAFSA) before graduating from high school. The new Alabama FAFSA requirement took effect during the 2021–2022 academic school year. [FAFSA Application](#)
- Alabama Civics Exam
The Code of Alabama (Title 16. Education § 16-40-10) requires that each Alabama high school student complete a civics test, composed of 100 questions, as a graduation requirement. These test questions are derived from those that the United States Citizenship and Immigration Services use for their civics test as part of the naturalization process. This took effect in 2017.
- College and Career Readiness (CCR) Indicators
A college and career ready indicator (CCR) is a benchmark for students in the state of Alabama that shows they are ready for work or further education. Students can obtain this by the following:
 - ACT Benchmark on at least one of the subject area tests
 - English- 18
 - Mathematics- 22
 - Reading- 22
 - Science- 23
 - WorkKeys Benchmark on all areas of subject area tests
 - Applied Mathematics- Silver
 - Graphic Literacy- Silver
 - Workplace Documents- Silver
 - AP/IB Qualifying Score
 - College Credit (Dual Enrollment)
 - Military Enlistment

- Career and Technical Education (CTE) Credentialing
- Career and Technical Education (CTE) Program Completer
- Credit eligible course – the course is approved as an appropriate replacement, but may not include a 90% match in standards.

Substitute courses will be available for students with disabilities in meeting the diploma requirements. Course sequences will be available for:

1. Students with disabilities earning core credit through the Essential/Life Skills courses
2. Students with significant cognitive disabilities earning core credit through Alternate Achievement Standards (AAS) courses.

Graduation Ceremony Requirements:

1. Attendance Requirement: A student must attend their home school for the last two consecutive semesters, including the semester when the commencement (graduation ceremony) takes place.
2. Enrollment Deadline: To meet this attendance requirement, a student must be enrolled at the home school by the second week of the first of these two semesters.

This ensures that students spend a significant amount of time at the home school before participating in its graduation ceremonies. It emphasizes the importance of continuous and recent engagement with the educational community from which the student is graduating.

What courses should a student take?

Students should always take the highest level of academic coursework they can handle successfully and select occupational courses relevant to their career goals. Some important points to consider as students plan their high school careers are as follows:

1. What careers are related to their interests and abilities?
2. What are their academic strengths and weaknesses?
3. What things do they value in life?
4. How do they plan to support themselves?
5. What are their career goals for the next 5-10 years?
6. Do they plan to continue their education? If so, what type of school? Four-year College/University? Junior college? Technical school? Trade school? Apprenticeship?

Contacts for Scheduling Assistance

Buckhorn High School (9-12)	Guidance Counselor	(256) 851-3300
Hazel Green High School (9-12)	Guidance Counselor	(256) 851-3220
Madison County High School (9-12)	Guidance Counselor	(256) 851-3270
Madison County Virtual Academy	Guidance Counselor	(256) 852-7415
New Hope High School (9-12)	Guidance Counselor	(256) 851-3280
Sparkman High School (10-12)	Guidance Counselor	(256) 837-0331
Career Technical Center (9-12)	Guidance Counselor	(256) 852-2170

Alabama High School Graduation Requirements

(Alabama Administrative Code 290-3-1-02(8) and (8)(a))

Effective for students in the ninth grade in the 2013-2014 school year, all students shall earn the required credits for the Alabama High School Diploma. A local board of education may establish requirements for receipt of diplomas and endorsements, but any diploma or endorsement shall include the requirements of the Alabama High School Diploma. The Alabama courses of study shall be followed in determining minimum required content in each discipline.

Course Requirements		
English Language Arts	Four credits to include:	Credits
	English 9	1
	English 10	1
	English 11	1
	English 12	1
English Language Arts-credit eligible options may include: Advanced Placement/International Baccalaureate/postsecondary courses/SDE-approved courses.		
English Language Arts Total Credits		4
Mathematics	Credits to include:	Credits
	Geometry with Data Analysis	1
	Algebra I with Probability	1 (or 0)
	Algebra II with Statistics	1
	One or Two credits from:	
	Specialized Courses: <ul style="list-style-type: none"> • Precalculus • Mathematical Modeling • Applications of Finite Mathematics 	1 (or 2)
Mathematics-credit eligible courses from Career Technical Education/Advanced Placement/International Baccalaureate/postsecondary courses/SDE-approved courses.		
Mathematics Total Credits		4
Science	Two credits to include:	Credits
	Biology	1
	A physical science (Chemistry, Physics, Physical Science)	1
	Science-credit eligible options may include: Advanced Placement/International Baccalaureate/postsecondary courses/SDE-approved courses.	
	Two credits from:	
Alabama Course of Study: Science or science-credit eligible courses from Career and Technical Education/Advanced Placement/International Baccalaureate/postsecondary courses/SDE-approved courses.		2
Science Total Credits		4
Social Studies	Four credits to include:	Credits
	World History	1
	United States History I	1
	United States History II	1
	United States Government	0.5
	Economics	0.5
	Social Studies-credit eligible options may include: Advanced Placement/ International Baccalaureate/postsecondary courses/SDE-approved courses.	
Civics Exam Requirement	Effective with the 2018-2019 school year, students are required to earn a passing score on the Civics Exam	
Social Studies Total Credits		4
Beginning Kinesiology or one JROTC credit		1
Health Education		0.5
Career Preparation		1
Career and Technical Education (CTE) and/or World Language and/or Arts Education		3
Electives		2.5
Total Credits Required for Graduation		24

Courses for the Alabama High School Diploma Pathways

	General Education Pathway	*Essentials Pathway	**Alternate Achievement Standards Pathway	Credits
English	English 9 or any AP/IB/ Postsecondary Equivalent Courses	English Essentials 9	AAS English 9	1.0
	English 10 or any AP/IB/Postsecondary Equivalent Courses	English Essentials 10	AAS English 10	1.0
	English 11 or any AP/IB/Postsecondary Equivalent Courses	English Essentials 11	AAS English 11	1.0
	English 12 or any AP/IB/Postsecondary Equivalent Courses	English Essentials 12	AAS English 12	1.0
Mathematics	Geometry with Data Analysis	Discuss "Essentials Pathway Math Sequence Options" with the students special education case manager.	AAS Math 9	1.0
	Algebra I with Probability		AAS Math 10	1.0
	Algebra II with Statistics		AAS Math 11	1.0
	Additional course(s) to complete the four credits in mathematics must be chosen from the <i>Alabama Course of Study Mathematics</i> or CTE/AP/ Postsecondary Equivalent courses		AAS Math 12	1.0
Science	Biology	Essentials: Biology	AAS Science 9	1.0
	Physical Science	Essentials: Physical Science	AAS Science 10	1.0
	The third credit may be used to meet both the science and CTE requirement and must be chosen from the <i>Alabama Course of Study: Science</i> or CTE/AP/Postsecondary Equivalent courses	Essentials: Earth and Space Science	AAS Science 11	1.0
	The fourth credit may be used to meet both the science and CTE requirement and must be chosen from the <i>Alabama Course of Study: Science</i> or CTE/AP/Postsecondary	Essentials: Environmental Science or Essentials: Human Anatomy and Physiology	AAS Science 12	1.0

	Equivalent courses			
Social Studies	World History	Essentials I: World History	AAS Social Studies 9	1.0
	U.S. History 10	Essentials II: U.S. History to 1877	AAS Social Studies 10	1.0
	U.S. History 11	Essentials III: U.S. History from 1877	AAS Social Studies 11	1.0
	Government/Economics or AP/IB/Postsecondary Equivalent courses	Essentials IV: Economics; Essentials IV: U.S. Government	AAS Social Studies 12	1.0
Other Requirements				
Physical Education	Beginning Kinesiology	Beginning Kinesiology	Beginning Kinesiology	1.0
Health Education	Health Education	Health Education	AAS Life Skills 9 (must be aligned to Health for one semester)	0.5
Career Preparedness	Career Preparedness (includes: Career and Academic Planning, Computer Applications, and Financial Literacy)	Career Preparedness	AAS Life Skills 10 (must be aligned with components of Career Preparedness)	1.0
CTE and/or World Language and/or Arts	Students choose from CTE, Arts Education, and/or World Language courses and are encouraged to complete a course sequence	Two CTE courses in a sequence; Workforce Essentials or Transition Services II	AAS Prevocational, AAS Vocational, and AAS Community- based Instruction	3.0
Electives	Electives	Minimum of one credit of Cooperative Education/ Work-Based Learning or Essentials Career Preparation; Other electives	AAS Life Skills 11; AAS Life Skills 12; AAS Elective	2.5
Total Credits Required for Graduation				24

*Course sequence for students with disabilities earning core credit through the Essentials courses. Students pursuing an Alabama High School Diploma through this pathway must participate in Community-Based Work Training or have documentation of previous work experience in addition to the course requirements described above. **Course sequence for students with significant disabilities earning core credit through Alternate Achievement Standards (AAS) courses. Students enrolled in AAS courses must be assessed using the Alabama Alternate Assessment (AAA)

COURSE INFORMATION

English Language Arts Curriculum Overview			
English Core			
Number	Course	Credit	Fee
01001G1000	English 9	1.0	No
01001H1000	Honors English 9	1.0	No
01002G1000	English 10	1.0	No
01002H1000	Honors English 10	1.0	No
01013E1001	AP Seminar/English 10	1.0	No
01003G1000	English 11	1.0	No
01005E1000	AP English 11 - Language and Composition	1.0	AP Exam
01004G1000	English 12	1.0	No
01006H1000	AP English 12 - Literature and Composition	1.0	AP Exam
English Electives			
<i>Does not fulfill any of the four required English credits for graduation.</i>			
01059G1000	Bible as Literature	1.0	No
01058G1001	Classical World Literature	1.0	No
01103G1000	Composition, Expository	1.0	No
01104G0500	Creative Writing - Level I	0.5	No
01104G1000	Creative Writing - Level I	1.0	No
11104X10003b	Creative Writing - Level II	1.0	No
01151G1001	Debate	1.0	No
01009G00001a	English Intervention	0.5	No
01009G00001b	English Intervention	1.0	No
11101G1013	Journalism I	1.0	No
11101G1023	Journalism II	1.0	No
11101G1033	Journalism III	1.0	No
01069G1000	Literature, Mythology, and Fable	1.0	No
01060G1000	Literature, Novels	1.0	No
11149G1000	Mass Media	1.0	No
01151G1000	Public Speaking	1.0	No
01068G00001a	Reading Intervention	0.5	No
01068G00001b	Reading Intervention	1.0	No
01068X0707a	*Reading, Basic Skills	1.0	No

English Language Arts Course Descriptions

Course Name	Number	Credit	Fee
English 9	01001G1000	1.0	No
<p>In Grade 9, students understand the importance of aesthetic decisions by the author and note how choices of syntax and diction shape and clarify meaning. standards are organized under types of literacy (critical, digital, language, and research) to reflect the applications of literacy in a rapidly changing world. This format represents an effort to show that successful communication requires multifaceted receptive and expressive skills emphasize the literature of varied times and places. Both ninth grade standards emphasize world literature to give students a broad and deep foundation. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION</p>			
Honors English 9	01001H1000	1.0	No
<p>NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION.</p>			
English 10	01002G1000	1.0	No
<p>In Grade 10, students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings. Tenth grade standards emphasize world literature to give students a broad and deep foundation. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION</p>			
Honors English 10	01002H1000	1.0	No
<p>NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION.</p>			
AP Seminar/English 10	01013E1001	1.0	No
<p>English courses expose students to a variety of texts covering multiple genres, topics, and rhetorical contexts in a seminar-style setting. These courses foster students' ability to summarize and explain the salient ideas in a text by analyzing an author's perspective, rhetorical choices, and argumentative structure. Students evaluate a variety of literary, informational, and visual texts, and synthesize perspectives to develop evidence-based arguments. Students convey their findings through multiple written formats, multimedia presentations, and oral defenses.</p>			
<p>NOTE: THIS COURSE MAY ONLY BE OFFERED THROUGH AN ALSDE-APPROVED ACADEMIC WAIVER AND COLLEGE BOARD-APPROVED AP PROGRAM. A STUDENT MAY EARN A TOTAL OF ONE FULL CREDIT IN ENGLISH LANGUAGE ARTS FOR THIS COURSE</p>			
English 11	01003G1000	1.0	No
<p>In Grade 11, students will explore the literature of America before, during, and after European arrival. A year of specific attention because of literature's deep ties to all aspects of culture, and its study encourages a cross-curricular understanding and</p>			

<p>appreciation of qualities that distinguish American literature specifically and American culture in general with a primary focus on American literature. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION.</p>			
Advanced Placement (AP) English Language and Composition - Grade 11	01005E1000	1.0	Cost of AP Exam
Prerequisite: English 10 or Honors English 10			
<p>This college level course includes: reading, writing, listening, and speaking skills; literary genres; and research. Advanced Placement (AP) English offers academically gifted students the opportunity to earn college credit while in high school. In order to receive a weighted grade for this course the student must complete the course and take the AP Exam. To earn college credit for this course, the student must take the AP Exam and achieve a qualifying score determined by the college. Summer reading may be required. Weekend study sessions may be required (no more than 3).</p>			
English 12	01004G1000	1.0	No
<p>In Grade 12, students focus on the literature of the British Isles, which provides both a linguistic and cultural starting point that more fully contextualizes the eventual forming of the United States and informs a sophisticated understanding of the connections between American and British literature contrasted with the unique character of each. British literature in the twelfth grade should read, analyze, and evaluate a play by William Shakespeare, including an examination of its contributions to the English language and his influences on other works of literature. Students learn and practice active listening, read a variety of workplace and literary texts, learn and practice essential digital skills, utilize a process to create and modify written work, implement conventions of language and usage, and utilize context to decipher word meanings all through reading, listening, writing, and speaking. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION.</p>			
Advanced Placement (AP) English Literature and Composition - Grade 12	01006E1000	1.0	Cost of AP Exam
Prerequisite: English 11 or AP English 11			
<p>The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. NOTE: THIS COURSE FULFILLS AN ENGLISH CREDIT REQUIRED FOR GRADUATION.</p>			
Creative Writing - Level II	11104X10003b	1.0	No
Prerequisite:			
<p>This course is a more advanced Creative Writing class which builds upon writing skills learned in Creative Writing. This course includes the publication of a literary magazine including collection and analysis of submissions of original literary works and artwork and layout and design of submissions.</p>			
Classical World Literature	01058G1001	1.0	No
Prerequisite:			

This course includes reading and critiquing world classical literature. It introduces the literature and philosophies of ancient Greece and Rome including the works of Homer, Plato, Cecero, and Virgil. Students will analyze, discuss, and write critically about various classical texts.			
Bible as Literature	01059G1000	1.0	No
Prerequisite:			
Study of the Old Testament, New Testament, heroes, prophecies, poetry and prose style.			
Literature, Mythology, and Fable	01069G1000	1.0	No
Prerequisite:			
This course includes the study of Greece and Rome; Egypt and Mesopotamia; China, Japan, and India; and mythologies and fables.			
Literature, Novels	01060G1000	1.0	No
Prerequisite:			
This course includes readings, discussions, and writings of selected novelists such as Hawthorne, Twain, and Melville.			
Composition, Expository	01103G1000	1.0	No
Prerequisite:			
This course is designed for students to improve their thinking, reading, and writing skills by learning foundations of expository, persuasive, and argumentative writing styles, as well as techniques for collegiate writing standards. Students will be required to write on a daily basis, to share and peer review their work, and to complete a portfolio.			

Debate	01151G1001	1.0	No
Prerequisite:			
This course includes individual/group work in debate.			
Public Speaking	01151G1000	1.0	No
Prerequisite:			
This course includes extemporaneous, demonstrative, persuasive, and informative oral communication; videotape; and speech writing and delivery. This course does not count as a student's fine arts credit.			
English Intervention	01009G00001a	0.5	No
English Intervention	01009G00001b	1.0	No
Prerequisite:			
Based on identified intervention needs, students are enrolled in these courses by the local school administration.			
Reading Intervention	01068G00001a	0.5	No
Reading Intervention	01068G00001b	1.0	No
Prerequisite:			
Based on identified intervention needs, students are enrolled in these courses by the local school administration.			
Reading, Basic Skills	01068X0707a	1.0	No

Prerequisite:

This course provides remediation in the area of reading to students with *disabilities who have received their core instruction from a general education teacher.

English as a Second Language

Course Name	Number	Credit	Fee
English for Speakers of Other Languages (ESL)	01008G1000	1.0	No

Prerequisite: Have Limited English Proficiency (LEP) and generally speak another language in their homes

English as a Second Language (ESL) is for students who have Limited English Proficiency (LEP) and generally speak another language in their homes. The objective of ESL is to help students attain proficiency in English in order to function to the best of their abilities. The focus of this course is development of English-speaking communicative skills, including vocabulary and grammar acquisition, through listening, speaking, reading, and writing as well as culture study. This course does not count as an English credit; it counts as an elective credit.

Sheltered English for EL Students	01001G1000 - Grade 9 01002G1000 -Grade 10 01003G1000 -Grade 11 01004G1000 -Grade 12	1.0	No
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These courses follow the AL CCRS for each grade's English course and are offered at the Career Technical Center with a recommendation from the EL Department. EL students earn their core English credits and cover the same material as non-sheltered classes, but learning activities and lesson delivery are accommodated and scaffolded to meet the students' English proficiency level. Not all classes are offered every semester or block. Before enrolling EL students, please check with the EL department for class availability.

Mathematics Curriculum Overview			
Mathematics Core			
Number	Course	Credit	Fee
02073G1000	Geometry with Data Analysis	1.0	No
02073H1000	Honors Geometry with Data Analysis	1.0	No
02052G1000	Algebra I with Probability	1.0	No
02052H1000	Honors Algebra I with Probability	1.0	NO
02056G1000	Algebra II with Statistics	1.0	No
02056H1000	Honors Algebra II with Statistics	1.0	No
02136G1000	Applications of Finite Mathematics	1.0	No
02137G1000	Mathematical Modeling	1.0	No
02155G1000	Algebra with Finance	1.0	No
02121G1000	Honors Precalculus	1.0	No
02203E1000	AP Statistics	1.0	AP Exam
02124E1000	AP Calculus AB	1.0	AP Exam
02125E1000	AP Calculus BC	1.0	AP Exam
02110E1001	AP Pre-Calculus	1.0	AP Exam
10019E1000	AP Computer Science Principles	1.0	AP Exam + \$20
10157E1000	AP Computer Science A	1.0	AP Exam + \$20
Mathematics Electives			
<i>Does not fulfill any of the four required mathematics credits for graduation.</i>			
02999G10001a	Math Lab	0.5	No
02999G10001b	Math Lab	1.0	No
02049X0707a	*Mathematics, Basic Skills	1.0	No

The courses offered by the high schools of Madison County have been developed to meet the needs and interests of all students and include the content standards from the Alabama College and Career Readiness Standards. Whether planning to pursue postsecondary education or to enter the workforce, all Alabama students must earn four credits in high school mathematics.

Mathematics Course Descriptions

Course Name	Number	Credit	Fee
Geometry with Data Analysis	02073G1000	1.0	No
Prerequisite: Grade 8 Mathematics			
<p>Geometry with Data Analysis is the first of three required courses in high school mathematics. In Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Geometry with Data Analysis is either Grade 8 Mathematics or Grade 8 Accelerated Mathematics. For students who opt to accelerate their mathematical pathways in the 9th grade, Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability.</p>			
Geometry with Data Analysis (Honors)	02073H1000	1.0	No
Prerequisite: Grade 8 Mathematics			
<p>This advanced course includes the same content as the Geometry with Data Analysis course, but also includes a more in-depth study. Critical thinking skills are emphasized. Geometry with Data Analysis is the first of three required courses in high school mathematics. In Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Geometry with Data Analysis is either Grade 8 Mathematics or Grade 8 Accelerated Mathematics. For students who opt to accelerate their mathematical pathways in the 9th grade, Geometry with Data Analysis may also be taken concurrently with Algebra I with Probability.</p>			
Algebra I with Probability	02052G1000	1.0	No
Prerequisite: Geometry with Data Analysis			
<p>Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Algebra I with Probability concurrently with Geometry with Data Analysis in the 9th grade.</p>			
Algebra I with Probability (Honors)	02052H1000	1.0	No
Prerequisite: Geometry with Data Analysis			
<p>Honors Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics. Honors Algebra I with Probability is the second of three courses required for all students. Students may enroll in this course after completing Geometry with Data Analysis in Grade 9 or by completing both Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics. Students who wish to accelerate their mathematics pathways in high school may also elect to enroll in Honors Algebra I with Probability concurrently with Geometry with Data Analysis in the 9th grade.</p>			
Algebra II with Statistics	02056G1000	1.0	No
Prerequisite: Geometry with Data Analysis and Algebra I with Probability			

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

Algebra II with Statistics (Honors)	02056H1000	1.0	No
Prerequisite: Geometry with Data Analysis and Algebra I with Probability			
<p>This advanced course includes the same content as the Algebra II with Statistics course, but also includes a more in-depth study. Critical thinking skills are emphasized. Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics is the prerequisite for Applications of Finite Mathematics, Mathematical Modeling, Precalculus, and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit.</p>			
Applications of Finite Mathematics	02136G1000	1.0	No
Prerequisite: Algebra II with Statistics			
<p>Applications of Finite Mathematics was developed as a fourth-year course that extends beyond the three years of essential content that is required for all high school students. Applications of Finite Mathematics provides students with the opportunity to explore mathematics concepts related to discrete mathematics and their application to computer science and other fields and includes areas of study that are critical to the fast-paced growth of a technologically advancing world. The wide range of topics in Applications of Finite Mathematics includes logic, counting methods, information processing, graph theory, election theory, and fair division, with an emphasis on relevance to real-world problems. Logic includes recognizing and developing logical arguments and using principles of logic to solve problems. Students are encouraged to use a variety of approaches and representations to make sense of advanced counting problems, then develop formulas that can be used to explain patterns. Applications in graph theory allow students to use mathematical structures to represent real world problems and make informed decisions. Election theory and fair division applications also engage students in democratic decision-making so that they recognize the power of mathematics in shaping society. The prerequisite for Applications of Finite Mathematics is Algebra II with Statistics. Note: Students may not receive credit for both Applications of Finite Mathematics and Discrete Mathematics, as Applications of Finite Mathematics includes mathematics content that also appears in the Discrete Mathematics course.</p>			
Mathematical Modeling	02137G1000	1.0	No
Prerequisite: Algebra II with Statistics			

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

Algebra with Finance	02155G1000	1.0	No
Prerequisite: Algebra II with Statistics			
<p>Algebra with Finance is a college and career preparatory course that integrates algebra, precalculus, probability and statistics, calculus and geometry to solve financial problems that occur in everyday life. Real-world problems in investing, credit, banking, auto insurance, mortgages, employment, income taxes, budgeting and planning for retirement are solved by applying the relevant mathematics that are taught at a higher level. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, geometric representations, and verbal representations. Math concepts and skills are applied through study and problem-solving activities in workforce situations in the following areas: banking, investing, employment and income taxes, automobile ownership and operation, mathematical operations, consumer credit, independent living, and retirement planning and budgeting. This course may be used as the fourth math credit or an elective.</p>			

Pre-Calculus (Honors)	02121G1000	1.0	No
Prerequisite: Algebra II with Statistics			
<p>CP Pre-Calculus is a course designed for students who have successfully completed the Algebra II with Statistics course. This course is considered to be a prerequisite for success in calculus and college mathematics. Algebraic, graphical, numerical, and verbal analyses are incorporated during investigations of the Pre-Calculus content standards. Parametric equations, polar relations, vector operations, conic sections, and limits are introduced. Content for this course also includes an expanded study of polynomial and rational functions, trigonometric functions, and logarithmic and exponential functions. Application-based problem solving is an integral part of the course. Instruction should include appropriate use of technology to facilitate continued development of students' higher-order thinking skills.</p>			
Advanced Placement (AP) Statistics	02203E1000	1.0	Cost of AP Exam
Prerequisite: Algebra II with Statistics			
<p>AP Statistics follows the curriculum established by the College Board Advanced Placement Program for Statistics. It is a College-level advanced course for statistics; an introductory, non-calculus based course to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.</p>			

Advanced Placement (AP) Calculus AB	02124E1000	1.0	Cost of AP Exam
Prerequisite: Algebra II with Statistics			
<p>AP Calculus follows the curriculum established by the College Board Advanced Placement Program for Calculus. The course includes the following topics: functions, graphs, and limits (analysis of graphs, limits of functions, asymptotic and unbounded behavior, and continuity as a property of functions); derivatives (concept of the derivative, derivative at a point, derivative as a function, second derivatives, applications of derivatives, and computation of derivatives); and integrals (interpretations and properties of definite integrals, applications of integrals, fundamental theorem of calculus, techniques of antidifferentiation, applications of antidifferentiation, and numerical approximations to definite integrals). In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.</p>			
Advanced Placement (AP) Calculus BC	02125E1000	1.0	Cost of AP Exam
Prerequisite: Algebra II with Statistics (Content from AP Calculus AB is included in AP Calculus BC; however, students may take and receive credit for both courses.)			
<p>AP Calculus follows the curriculum established by the College Board Advanced Placement Program for Calculus. The course includes the following topics: functions, graphs, and limits (analysis of graphs, limits of functions, asymptotic and unbounded behavior, continuity as a property of functions, and parametric, polar, and vector functions); derivatives (concept of the derivative, derivative at a point, derivative as a function, second derivatives, applications of derivatives, and computation of derivatives); integrals (interpretations and properties of definite integrals, applications of integrals, fundamental theorem of calculus, techniques of antidifferentiation, applications of antidifferentiation, numerical approximations to definite integrals); and polynomial approximations and series (concept of series, series of constants, and Taylor series). In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.</p>			
Advanced Placement (AP) PreCalculus	02110E1001	1.0	Cost of AP Exam
Prerequisite: Algebra II with Statistics			
<p>Following College Board's course framework designed to parallel college-level precalculus courses, AP Precalculus provides students with an understanding of the concepts of college algebra, trigonometry, and additional topics that prepare students for further college-level mathematics courses. This course explores polynomial, rational, exponential, logarithmic, trigonometric, polar, parametric, and linear transformation functions and their applications. Throughout the course, the mathematical practices of procedural and symbolic fluency, multiple representations, and communication and reasoning are developed. Students experience the concepts and skills related to each function type through the lenses of modeling and covariation, and engage each function type through their analytical, verbal, numerical, and graphical representations.</p>			
Advanced Placement (AP) Computer Science Principles	10019E1000	1.0	Cost of AP Exam + \$20
Prerequisite: Geometry with Data Analysis			

AP Computer Science Principles follows the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. In order to receive a weighted grade for this course, the student must complete the course and take the AP Exam. To earn college credit for this course, the student must take the AP Exam and achieve a qualifying score determined by the college.

Advanced Placement (AP) Computer Science A	10157E1000	1.0	Cost of AP Exam + \$20
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Prerequisite: Geometry with Data Analysis

AP Computer Science A is equivalent to a first semester college level course in Computer Science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, data structure, algorithms, analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object- oriented and imperative problem solving and design using Java language. In order to receive a weighted grade for this course, the student must complete the course and take the AP Exam. To earn college credit for this course, the student must take the AP Exam and achieve a qualifying score determined by the college.

Math Lab	02999G10001a	0.5	No
Math Lab	02999G10001b	1.0	No

This support is for students in Geometry with Data Analysis, Algebra I with Probability, and Algebra II with Statistics. Student assignment to this class period and the length of this class period are at the LEA's discretion. Credit for this class period would count as elective credit, not mathematics credit.

Mathematics, Basic Skills	02049X0707a	1.0	No
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This course provides remediation in the area of mathematics to students with *disabilities who have received their core instruction from a general education teacher.

Science Curriculum Overview

Number	Course	Credit	Fee
Physical Sciences			
<i>Students should choose one of the following physical science courses to meet the state requirement.</i>			
03159G1000	Physical Science	1.0	No
03151H1000	Honors Physics	1.0	No
03101G1000	Chemistry	1.0	No
03101H1000	Honors Chemistry	1.0	No
Biological/Life Sciences			
<i>Students must take Biology or Honors Biology in order to meet the state requirement.</i>			
03051G1000	Biology	1.0	No
03051H1000	Honors Biology	1.0	No
Science Core Electives			
<i>Students should choose two full credits from the following courses to meet the state requirements.</i>			
03056E1000	AP Biology	1.0	AP Exam
03053G1000	Human Anatomy and Physiology	1.0	No
03053H1000	Human Anatomy and Physiology (Honors)	1.0	No
03003G1000	Environmental Science	1.0	No
03207E1000	AP Environmental Science	1.0	AP Exam
03165E1000	AP Physics 1: Algebra-Based	1.0	AP Exam
03166E1000	AP Physics 2: Algebra-Based	1.0	AP Exam
03106E1000	AP Chemistry	1.0	AP Exam
03164E1000	AP Physics C: Mechanics	0.5	AP Exam
03163E1000	AP Physics C: Electricity and Magnetism	0.5	AP Exam
03008G1000	Earth and Space Science	1.0	No
10019E1000	AP Computer Science Principles (see math section for description)	1.0	AP Exam + \$20
10157E1000	AP Computer Science A (see math section for description)	1.0	AP Exam + \$20
Science Electives			
<i>The following CTE courses are science-credit eligible and satisfy the third and fourth science elective credit.</i>			
15055G1000	Forensic and Criminal Investigations	1.0	No
14252G1001	Introduction to Biotechnology	1.0	No
21018G1000	PLTW Principles of Engineering	1.0	No
<i>The following electives do not fulfill any of the four required mathematics credits for graduation.</i>			
03996G00001a	Science Intervention	0.5	No
03996G00001b	Science Intervention	1.0	No

Science Course Descriptions

Course Name	Number	Credit	Fee
Physical Science	03159G1000	1.0	No
Prerequisite:			
This survey course teaches concepts in chemistry and physics that adequately prepares the student for continued study in science, and it fulfills the “physical science” graduation requirement. Course content includes scientific process and application skills; the periodic table; solutions; bonding; chemical formulas; physical and chemical change; gravitational, electromagnetic, and nuclear forces; motion; energy; energy transformation; electricity and magnetism; nuclear science; and metric units.			
Physics (Honors)	03151H1000	1.0	No
Prerequisite: Algebra II with Trigonometry			
This Honors course covers physics core content standards with increased mathematical and conceptual rigor. Course content includes: scientific process and application skills; linear, circular, and projectile motion; momentum; planetary motion; quantitative relationships; thermodynamics; wave behavior; light; electrical, magnetic, and gravitational forces; and electricity.			
Advanced Placement (AP) Physics 1: Algebra-Based	03165E1000	1.0	Cost of AP Exam
Prerequisite: Algebra II with Trigonometry and Chemistry			
AP Physics 1 follows the curriculum established by the College Board Advanced Placement (AP) Program; provides a foundation for future coursework in physics; explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; introductory, simple circuits; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.			
Advanced Placement (AP) Physics 2: Algebra-Based	03166E1000	1.0	Cost of AP Exam
Prerequisite: AP Physics 1			
AP Physics 2 follows the curriculum established by the College Board Advanced Placement (AP) Program; provides a foundation for future coursework in physics; explores topics such as fluid statics and dynamics; thermodynamics with kinetic theory, PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; quantum, atomic and nuclear physics; facilitates inquiry-based learning designed to develop scientific critical thinking and reasoning skills. In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.			
Advanced Placement (AP) Physics C: Mechanics	03164E1000	0.5	Cost of AP Exam
Prerequisite: Honors Pre-calculus and Honors Physics are strongly recommended			
This advanced college-level course is calculus based and includes scientific process and application skills; mechanics; and electricity and magnetism. In order to receive a weighted grade for the course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.			

Advanced Placement (AP) Physics C: Electricity and Magnetism	03163E1000	0.5	Cost of AP Exam
Prerequisite: Honors Pre-calculus (and Honors Physics is strongly recommended)			
This advanced college-level course is calculus based and includes scientific process and application skills; mechanics; and electricity and magnetism. In order to receive a weighted grade for the course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.			
Chemistry	03101G1000	1.0	No
Prerequisites: Biology and Algebra I (or Algebra IA and IB)			
This course covers chemistry core content standards: scientific process and application skills; matter classifications; carbon chains; the periodic table; solutions; kinetic theory; stoichiometry; ideal gases; physical and chemical changes; and chemical and nuclear reactions. This course fulfills the physical science graduation requirement.			
Chemistry (Honors)	03101H1000	1.0	No
Prerequisites: Biology and Algebra I (or Algebra IA and IB)			
This Honors course covers chemistry core content standards with increased mathematical and conceptual rigor: scientific process and application skills; matter classifications; carbon chains; the periodic table; solutions; kinetic theory; stoichiometry; ideal gases; physical and chemical changes; and chemical and nuclear reactions. This course fulfills the physical science graduation requirement and is the recommended course prior to AP Chemistry.			
Biology	03051G1000	1.0	No
Prerequisites:			
This course covers the biology core content standards: scientific process and application skills; biochemistry; cell theory; cellular structure and processes including photosynthesis, cellular respiration, transport, and division; genetics; taxonomy; kingdoms of life including bacteria, protists, fungi, plants, and animals; and ecology. This course fulfills the biology graduation requirement.			
Biology (Honors)	03051H1000	1.0	No
Prerequisites:			
This Honors advanced-level course covers locally-developed standards in addition to the biology core content standards: scientific process and application skills; biochemistry; cell theory; cellular structure and processes including photosynthesis, cellular respiration, transport, and division; genetics; taxonomy; kingdoms of life including bacteria, protists, fungi, plants, and animals; and ecology. This course fulfills the biology graduation requirement.			
Advanced Placement (AP) Chemistry	03106E1000	1.0	Cost of AP Exam
Prerequisite: Chemistry or Honors Chemistry			
This advanced/college level course covers atomic theory and structure; chemical bonding; nuclear chemistry; gases; liquids and solids; solutions; reaction types; stoichiometry; equilibrium; kinetics; and thermodynamics. In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP exam. College credit is based on a specified qualifying AP exam score, which is set by each individual college or university.			

Advanced Placement Biology (AP) 220014 Credit: 1	03056E1000	1.0	No
Fee: Cost of AP Exam			
Prerequisite: Biology (or Honors Biology) and Chemistry (or Honors Chemistry)			
This college-level course covers biology principles in considerable detail. Emphasis is placed on laboratory experiments and individual research. In order to receive a weighted grade for this course, the student must complete the course and take the AP Exam. To earn college credit for this course, the student must take the AP Exam and achieve a qualifying score determined by the			

Human Anatomy and Physiology	03053G1000	1.0	No
Prerequisite: Biology (or Honors Biology)			
This course is organized to follow a logical sequence of the ten systems of the human body with emphasis on diseases and disorders. Course content includes: scientific process and application skills; anatomical terminology; structure and function of cells, tissues, organs, and body systems; biochemistry; and system regulation and integration.			

Anatomy and Physiology (Honors)	03053H1000	1.0	No
Prerequisite: Biology (or Honors Biology)			
This course is an accelerated version of Anatomy and Physiology. Each body system is covered in detail with special emphasis on pathology and physiology. Honors Anatomy and Physiology is designed especially for students interested in health-related careers and is a complete overview of the human body and a foundation for similar courses at the college level.			

Environmental Science	03003G1000	1.0	No
Prerequisite: Biology (or Honors Biology)			
This course includes: scientific process and application skills; natural and human impacts; carrying capacity; renewable and nonrenewable energy resources; properties and importance of water; land-use practices; and composition and erosion of soil. This course does not fulfill the physical science graduation requirement.			

Advanced Placement (AP) Environmental Science	03207E1000	1.0	Cost of AP Exam
Prerequisite: Biology (or Honors Biology)			
AP Environmental Science follows the curriculum established by the College Board Advanced Placement Program for Environmental Science. The course includes: scientific process and application skills; earth systems and resources; the living world; population; land and water; energy resources and consumption; pollution; and global change. The course does not fulfill the "a physical science" graduation requirement. In order to receive a weighted grade for this course, the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.			

Forensic and Criminal Investigations	15055G1000	1.0	No
Prerequisite: Biology (or Honors Biology) and Physical Science or Chemistry (or Honors Chemistry)			

This course focuses on the history of forensic science, criminal investigation, forensic serology and DNA, forensic studies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination.			
Introduction to Biotechnology	14252G1001	1.0	No
Prerequisite: Biology (or Honors Biology) and Chemistry (or Honors Chemistry)			
This course emphasizes skill development, application of scientific concepts of biomedical research and development, mendelian genetics, gene structure and function, inheritance patterns, genetic abnormalities, and the human genome project.			

PLTW Principles of Engineering	21018G1000	1.0	No
Prerequisite: PLTW Intro to Engineering			
This course is designed to explore technology systems and manufacturing processes.			
Science Intervention	03996G00001a	0.5	No
Science Intervention	03996G00001b	1.0	No
Prerequisite:			
Based on identified intervention needs, students are enrolled in these courses by the local school administration			

Madison County School System

Disposal of Heavy Metal Hazardous Waste Procedures for Science Classrooms/Labs

The AP Chemistry teachers at each of the Madison County high schools are responsible for overseeing the collection of any heavy metal solution waste including silver, mercury, lead, cadmium, chromium, barium, selenium, beryllium, arsenic, etc.

1. Containers with labels are provided by the central office administrators and distributed to the AP chemistry teachers each school year.
2. AP chemistry teachers at each school should instruct any teachers generating heavy metal waste in the laboratory to collect the waste in the container(s) given.
3. AP chemistry teachers decide on the placement of the container(s) and are responsible for communicating the location to any other teacher(s) using the lab and generating heavy metal waste.
4. During the month of May, the AP chemistry teacher should contact the Chief Operations Officer at the Central Office to schedule a pickup of the hazardous waste.
5. The hazardous waste will be delivered to the Environmental Awareness Officer of the Huntsville Solid Waste Disposal Authority

Social Studies Curriculum Overview

Social Studies Core

Number	Course	Credit	Fee
04053G1000	World History: 1500 to Present - Grade 9	1	No
04053H1000	Honors World History: 1500 to Present - Grade 9	1	No
04104E1000	AP World History	1	Cost of AP Exam
04102G1000	US History to 1877 - Grade 10	1	No
04102H1000	Honors US History to 1877 - Grade 10	1	No
04103G1000	US History from 1877 to the Present - Grade 11	1	No
04104E1000	AP US History	1	Cost of AP Exam
04151G0500	United States Government	0.5	No
04151H0500	United States Government (Honors)	0.5	No
04157E1000	AP United States Government and Politics	1	Cost of AP Exam
04201G0500	Economics	0.5	No
04201H0500	Economics (Honors)	0.5	No
04202E1000	AP Macroeconomics	1	Cost of AP Exam

Social Studies Electives

Does not fulfill any of the four required social studies credits for graduation

04099G10001b	*Founding Fathers	1	No
04099G10002b	*American Civil War	1	No
04099G10003b	*The Great Wars	1	No
04099G10004b	*The Cold War	1	No
04001G1000	World Geography	1	No
04254G0500	Psychology	0.5	No
04254G1000	Psychology	1	No
04256E1000	AP Psychology	1	Cost of AP Exam
04258G0500	Sociology	0.5	No
04258G1000	Sociology	1	No
04064G1000	Contemporary World Issues and Civic Engagement	0.5	No
04996G00001a	Social Studies Intervention	0.5	No
04996G00001b	Social Studies Intervention	1	No

*Gilder Lehrman Courses: Founded in 1994, the Gilder Lehrman Institute of American History promotes the study and love of American History. The Institute creates history-centered schools and academic research centers; organizes seminars and enrichment programs for educators; produces print and electronic publications and traveling exhibitions. Students selected to participate in the Gilder Lehrman History Program are afforded the opportunities of

engaging in scholarly discussions, attending field trips, and developing history based educational programs for the community. Grades received in successfully completed Gilder Lehrman courses will be weighted as other “honors” courses are weighted; five points will be added to the student’s final grade

Social Studies Course Descriptions

Course Name	Number	Credit	Fee
World History: 1500 to Present - Grade 9	04053G1000	1.0	No
Prerequisite:			
This course directs students to think critically about various forces that combined to shape the world today. Emphasis is placed on geographic impact, development of civic knowledge/responsibilities, and emerging economic systems within a chronological context which includes survey of early and classical civilizations and world expansion of agrarian and commercial civilizations. Summer reading may be required.			
World History (Honors) 1500 to Present - Grade 9	04053H1000	1.0	No
Prerequisite:			
This course explores the same topics as “World History: 1500 to Present” and is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and lessons in world history. Writing proficiency and additional readings are required. Summer reading may be required.			
Advanced Placement (AP) World History	04104E1000	1.0	Cost of AP Exam
Prerequisite:			
This college level world history course follows the curriculum established by the College Board Advanced Placement (AP) Program for world history. In order to receive a weighted grade for this course the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college. Summer reading may be required. Fee: Cost of AP Exam			
United States History to 1877 - Grade 10	04102G1000	1.0	No
Prerequisite: World History: 1500 to Present			
This course includes a chronological survey of major events and issues in American History from the beginnings to 1877: colonization and the American Revolution; development of a political system and a distinct culture; slavery; reform movements; sectionalism; Civil War and Reconstruction; and concepts related to Alabama history and geography. Summer reading may be required.			
United States History (Honors) to 1877 - Grade 10	04102H1000	1.0	No
Prerequisite: World History 1500 to Present			
This course explores the same topics as “United States History to 1877” and is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and lessons in American history. Writing proficiency and additional readings are required. Summer reading may be required.			
United States History from 1877 to the Present - Grade 11	04103G1000	1.0	No
Prerequisite: US History to 1877			
This course continues the study of United States History from the Tenth Grade course. Course content includes a chronological survey of major events and issues in American History from 1877 to the present: industrialization; Progressivism; foreign policy; World War I; the Great Depression; World War II; post-war United States; contemporary United States; and concepts related to Alabama history and geography. Summer reading may be required.			

Advanced Placement (AP) United States History - Grade 11	04104E1000	1.0	Cost of AP Exam
Prerequisite: US History to 1877			
This college level history course follows the curriculum established by the College Board Advanced Placement (AP) Program for United States history. In order to receive a weighted grade for this course the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college. Summer reading may be required. (This course may be part of the Gilder Lehrman program at some schools.) Fee: Cost of AP Exam			
United States Government	04151G0500	0.5	No
Prerequisite: US History from 1877 to the Present			
The study of American Government provides students with a detailed understanding of the organization and function of government at all levels in the nation. It is imperative that students acquire an appreciation and understanding of what it means to be a citizen. Course content includes origins, functions, and branches of the U.S. government; representative government; federalism; political/civic life; analysis of the Constitution, Bill of Rights, and other relevant documents; and foreign policy. Summer reading may be required.			
United States Government (Honors)	04151H0500	0.5	No
Prerequisite: US History from 1877 to the Present -			
This course explores the same topics as "United States Government" and is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and lessons in American government. Writing proficiency and additional readings are required. Summer reading may be required.			
Economics	04201G0500	0.5	No
Prerequisite: US History from 1877 to the Present			
Economics provides students with detailed knowledge in the workings of modern-day economic systems, in particular the American capitalist system. Students acquire information about basic economic concepts and skills in the interpretation of graphic economic data. They also apply information and skills to the analysis of issues and problems in economic systems. Course content includes basic principles of economics; comparative economic systems and economic theories; role of the consumer; business and labor issues; functions of government; structure of the U.S. banking system; and role of the Federal Reserve Bank. Summer reading may be required.			
Economics (Honors)	04201H0500	0.5	No
Prerequisite: US History from 1877 to the Present			
This course explores the same topics as "Economics" and is designed to provide students with the analytical skills and factual knowledge to deal critically with the problems and lessons related to economic issues. Writing proficiency and additional readings are required. Summer reading may be required.			

Advanced Placement (AP) Macroeconomics	04202E1000	1.0	Cost of AP Exam
Prerequisite: US History from 1877 to the Present			
College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for macroeconomics; basic economic concepts; measurement of economic performance; national income and price determination; financial sector; inflation, unemployment, and stabilization policies; economic growth and productivity; open economy; international trade and finance.			
Advanced Placement (AP) United States Government and Politics	04157E1000	1.0	Cost of AP Exam
Prerequisite: US History from 1877 to the Present			
<p>This course is an 18-week course that meets the government requirement for graduation; however, students must also have ½ credit of economics to complete the 12th grade social studies requirement. The course is designed to give students a critical perspective on government and politics in the United States. The primary emphasis is placed on the nature and function of products and markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy.</p> <p>This college level government course follows the curriculum established by the College Board Advanced Placement (AP) Program for U.S. government and politics. In order to receive a weighted grade for this course the student <u>must</u> complete the course and take the AP Exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college. Summer reading may be required. Fee Required: Cost of AP Exam</p>			
Advanced Placement (AP) Psychology	04256E1000	1.0	Cost of AP Exam
Prerequisite:			
This course is a College-level advanced course following the curriculum established by the College Board Advanced Placement (AP) Program for psychology. Psychology acquaints students with psychological theories, principles, and practices associated with the major subfields or domains, including Scientific Inquiry, Biopsychology, Consciousness Development and Learning, Social Interactions, Cognition, Individual Variations, and Applications of Psychological Science. It DOES NOT FULFILL ANY OF THE FOUR SOCIAL STUDIES CREDITS REQUIRED FOR GRADUATION.			
Founding Fathers (GL)	04099G10001b	1.0	No
Prerequisite:			
This class offers an in-depth look at the events and characters that shaped and formed the United States of America, from the colonial era through the formation of government.			
American Civil War (GL)	04099G10002b	1.0	No
Prerequisite:			
This class provides an in-depth look at the events, people, and politics that led to and culminated with the Civil War. Emphasis will be placed on the causes, events, and repercussions of the war. Social, Political, and economical military aspects will be explored using primary documents, field trips, and guest speakers.			

The Great Wars (GL)	04099G10003b	1.0	No
Prerequisite:			
Students will explore in-depth World War I and World War II. They will learn what the wars had in common, differences between the two wars, the technology that evolved during the wars, the major “players,” why those individuals became involved, how the two wars affected the political landscape of the world and their continued impact on the world today.			
The Cold Wars (GL)	04099G10004b	1.0	No
Prerequisite:			
Students will study about the events leading to what became known as the Cold War. They will learn about the space race, the Civil Rights Movement, the Korean War, and Vietnam. This class gives a good overview of the events of the 1950s-1990s.			
Psychology	04254G1000	1.0	No
Prerequisite:			
This course examines the developmental lifespan and the workings of the mind and body. It is a look at mental processes, individual differences, psychological disorders, and group interactions			
Sociology	04258G1000	1.0	No
Prerequisite:			
This course continues to further examine human development through states of consciousness, social psychology, personality theories, and mental disorders.			
World Geography	04001G1000	1.0	No
Prerequisite:			
This course includes major world geographic areas; interrelationships between people and habitats; and political, social, cultural, and economic geography.			
Contemporary World Issues and Civic Engagement	04064G1000	0.5	No
Prerequisite:			
This course focuses on current events of local, state, national, and international interest; media information analysis, political coverage, and techniques; analysis of current events from geographical, historical, political, social, and cultural perspectives. Requirements: A subscription to a weekly news periodical			
Social Studies Intervention	04996G00001a	0.5	No
Social Studies Intervention	04996G00001b	1.0	No

English as a Second Language for Social Studies

Course Name	Number	Credit	Fee
Sheltered Social Studies for EL Students	04053G1000- Sheltered World History:1500-Present 04102G1000- Sheltered US History to 1877 04103G1000- Sheltered US Hist: 1877- Present 04151G0500- Sheltered US Government (Semester) 04201G0500- Sheltered Economics (Semester)	1.0	No

These courses follow the AL CCRS for each History/Social Studies class and are offered at the Career Technical Center with a recommendation from the EL Department. EL students earn their core History credits and cover the same material as non-sheltered classes, but learning activities and lesson delivery are accommodated and scaffolded to meet the students' English proficiency level. Not all classes are offered every semester or block. Before enrolling EL students, please check with the EL department for class availability.

World Languages Curriculum Overview

Number	Course	Credit	Fee
24102G1000	French I	1.0	No Fee
24103G1000	French II	1.0	No Fee
24104G1000	French III	1.0	No Fee
24105G1000	French IV	1.0	No Fee
24052G1000	Spanish I	1.0	No Fee
24053G1000	Spanish II	1.0	No Fee
24054G1000	Spanish III	1.0	No Fee
24055G1000	Spanish IV	1.0	No Fee
24064E1000	AP Spanish Language	1.0	Cost of AP Exam
24852G1000	American Sign Language I	1.0	No Fee
24853G1000	American Sign Language II	1.0	No Fee

*Additional Foreign Language courses are offered through distance learning. Students interested in taking foreign language courses not listed above should check with their counselor for availability.

World Languages Course Descriptions

Course Name	Number	Credit	Fee
French I	24102G1000	1.0	No
Prerequisite: NA			
This course includes: listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of French-speaking cultures. Cultures and global civilizations associated with the French language are explored.			
French II	24103G1000	1.0	No
Prerequisite: French I			
Areas of focus include: listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension of main ideas from simple texts; writing with comprehension of short presentations on familiar topics; and further understanding of French-speaking cultures.			

French III	24104G1000	1.0	No
Prerequisite: French II			
Areas of focus include: listening and speaking skills including understanding and responding to factual and interpretive questions involving paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating oral and written presentations on a variety of topics; increased understanding of French-speaking cultures. Students in the advanced foreign language classes are expected to attain an acceptable degree of proficiency in conversation, speech, advanced grammar and composition, literary selections in the French language, and cultural studies.			
French IV	24105G1000	1.0	No
Prerequisite: Honors French III			
Areas of focus include: listening and speaking skills including understanding and responding to factual and interpretive questions involving proposing and supporting solutions to issues and problems; interpreting authentic prose and poetry selections; creating written compositions through the use of poetry or prose; extensive understanding of French-speaking cultures.			
Spanish I	24052G1000	1.0	No
Prerequisite: NA			
This course includes: listening and speaking skills including understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; reading and writing skills including words and phrases used in basic situational contexts; beginning understanding of Spanish-speaking cultures. Cultures and global civilizations associated with the Spanish language are explored.			
Spanish II	24053G1000	1.0	No
Prerequisite: Spanish I			
Areas of focus include: listening and speaking skills including understanding and responding to a variety of directions, commands, and questions related to personal preferences; reading with comprehension of main ideas from simple texts; writing with comprehension of short presentations on familiar topics; and further understanding of Spanish-speaking cultures.			
Spanish III	24054G1000	1.0	No
Prerequisite: Spanish II			
Areas of focus include: listening and speaking skills including understanding and responding to factual and interpretive questions involving paraphrasing, explaining, and giving cause; interpreting main ideas and supporting details from authentic texts; creating oral and written presentations on a variety of topics; increased understanding of Spanish-speaking cultures. Students in the advanced foreign language classes are expected to attain an acceptable degree of proficiency in conversation, speech, advanced grammar and composition, literary selections in the Spanish language, and cultural studies.			

Spanish IV	24055G1000	1.0	No
Prerequisite: Spanish III			
<p>Areas of focus include: listening and speaking skills including understanding and responding to factual and interpretive questions involving proposing and supporting solutions to issues and problems; interpreting authentic prose and poetry selections; creating written compositions through the use of poetry or prose; extensive understanding of Spanish-speaking cultures. Spanish IV students are expected to reach a higher degree of proficiency in conversation, speech, advanced grammar and composition, and cultural studies.</p>			
Advanced Placement (AP) Spanish Language	24064E1000	1.0	Cost of AP Exam
Prerequisite: Spanish III - (Spanish IV may be a prerequisite at some schools)			
<p>AP Spanish follows the curriculum established by the College Board Advanced Placement Program for Spanish. Areas of focus include the following: all time frames and all modes of communication; identifying and summarizing main points and significant details; making inferences and predictions; interpreting input across regional dialects and registers; processing linguistic cues; describing, narrating, presenting information, and/or persuading; and understanding oral and written media intended for a target-language audience. In order to receive a weighted grade for this course, the student must complete the course and take the AP exam. To earn college credit for this course, the student <u>must</u> take the AP Exam and achieve a qualifying score determined by the college.</p>			
American Sign Language I	24852G1000	1.0	No
Prerequisite: NA			
<p>Syntax and grammar study including basic physical and linguistic features; understanding and responding to simple directions, expressions of courtesy, and questions related to daily routines; identifying main ideas from signed narratives; creating short presentations on familiar topics; beginning understanding of deaf cultures. The teacher of this course must hold a valid Provisional Certificate issued by the American Sign Language Teachers Association.</p>			
American Sign Language II	24853G1000	1.0	No
Prerequisite: ASL I			
<p>Syntax and grammar study including understanding and responding to a variety of directions, commands, and questions related to personal preferences; interpreting culturally authentic narratives about new and familiar topics; creating short presentations on familiar topics; further understanding of deaf cultures. The teacher of this course must hold a valid Provisional Certificate issued by the American Sign Language Teachers Association.</p>			

Arts Education Curriculum Overview

Performing Arts

Course Name	Number	Credit	Fee
05110G1001a 05110G1002a 05110G1003a 05110G1004a 05110G1005a	Introduction to Mixed Chorus I Mixed Chorus II Mixed Chorus III Mixed Chorus IV Mixed Chorus V	0.5	\$25
05110G1001b 05110G1002b 05110G1003b 05110G1004b 05110G1005b	Introduction to Mixed Chorus I Mixed Chorus II Mixed Chorus III Mixed Chorus IV Mixed Chorus V	1.0	\$25
05111G10W1 05111G10W2 05111G10W3 05111G10W4 05111G10W5	Introduction to Women's Chorus I Women's Chorus II Women's Chorus III Women's Chorus IV Women's Chorus V	1.0	\$25
05111G10M1 05111G10M2 05111G10M3 05111G10M4 05111G10M5	Introduction to Men's Chorus I Men's Chorus II Men's Chorus III Men's Chorus IV Men's Chorus V	1.0	\$25
05111G10A1 05111G10A2 05111G10A3 05111G10A4 05111G10A5	Introduction to Acapella Chorus I Acapella Chorus II Acapella Chorus III Acapella Chorus IV Acapella Chorus V	1.0	\$25
05121G1001 05121G1002 05121G1003 05121G1004 05121G1005	Introduction to Show Choir I Show Choir II Show Choir III Show Choir IV Show Choir V	1.0	\$25
05102G1001 05102G1002 05102G1003 05102G1004 05102G1005	Introduction to Concert Band I Concert Band II Concert Band III Concert Band IV Concert Band V	1.0	\$50

05102G0501 05102G0502 05102G0503 05102G0504 05102G0505	Introduction to Concert Band I Concert Band II Concert Band III Concert Band IV Concert Band V	0.5	\$50
05103G1001 05103G1002 05103G1003 05103G1004 05103G1005	Introduction to Marching Band I Marching Band II Marching Band III Marching Band IV Marching Band V	1.0	\$50
05103G0501 05103G0502 05103G0503 05103G0504 05103G0505	Introduction to Marching Band I Marching Band II Marching Band III Marching Band IV Marching Band V	0.5	\$50
05105G1001 05105G1002 05105G1003 05105G1004 05105G1005	Introduction to Jazz Ensemble I Jazz Ensemble II Jazz Ensemble III Jazz Ensemble IV Jazz Ensemble V	1.0	\$50
05105G0501 05105G0502 05105G0503 05105G0504 05105G0505	Introduction to Jazz Ensemble I Jazz Ensemble II Jazz Ensemble III Jazz Ensemble IV Jazz Ensemble V	0.5	\$50
05106G1011 05106G1012 05106G1013 05106G1014 05106G1015	Introduction to Instrumental Chamber Ensemble I Instrumental Chamber Ensemble II Instrumental Chamber Ensemble III Instrumental Chamber Ensemble IV Instrumental Chamber Ensemble V	1.0	\$50
05106G0511 05106G0512 05106G0513 05106G0514 05106G0515	Introduction to Instrumental Chamber Ensemble I Instrumental Chamber Ensemble II Instrumental Chamber Ensemble III Instrumental Chamber Ensemble IV Instrumental Chamber Ensemble V	0.5	\$50
05109G10W1 05109G10W2 05109G10W3 05109G10W4 05109G10W5	Introduction to Woodwinds I Woodwinds II Woodwinds III Woodwinds IV Woodwinds V	1.0	\$50

05109G10B1 05109G10B2 05109G10B3 05109G10B4 05109G10B5	Introduction to Brass I Brass II Brass III Brass IV Brass V	1.0	\$50
05109G10P1 05109G10P2 05109G10P3 05109G10P4 05109G10P5	Introduction to Percussion I Percussion II Percussion III Percussion IV Percussion V	1.0	\$50
05104G1001 05104G1002 05104G1003 05104G1004 05104G1005	Introduction to Orchestra I Orchestra II Orchestra III Orchestra IV Orchestra V	1.0	\$50
05106G1001 05106G1002 05106G1003 05106G1004 05106G1005	Introduction to Orchestra Chamber I Orchestra Chamber II Orchestra Chamber III Orchestra Chamber IV Orchestra Chamber V	1.0	\$50
05149G10V1 05149G10V2	Traditional and Emerging Ensembles: Vocal Elective 1 – Novice Traditional and Emerging Ensembles: Vocal Elective 2 - Intermediate	1.0	\$25
05114E1000	AP Music Theory	1.0	AP Exam
Visual Arts			
Course Name	Number	Credit	Fee
05154G1001 05154G1002 05154G1003 05154G1004	Introduction to Visual Arts I Visual Arts II Visual Arts III Visual Arts IV	1.0	\$25
05159G1002	Ceramics (II)	1.0	\$30
05172E1000	AP Studio Art: Drawing	1.0	AP Exam
05174E1000	AP Studio Art Two-Dimensional Design	1.0	AP Exam
05052G1001 05052G1002 05052G1003	Introduction to Theatre I Theater II Theater III	1.0	\$25

05056G1001 05056G10T2 05056G10T3	Introduction to Technical Theatre Production Technical Theatre Production II Technical Theatre Production III	1.0	\$25
05053G1002	Acting Technique (II)	1.0	\$25
05060G1001	Musical Theatre I	1.0	\$25
05099G1001	Theatre Elective I	1.0	\$25

Arts Education Course Descriptions

Course Name	Number	Description	Credit	Fee
Introduction to Mixed Chorus I Mixed Chorus II Mixed Chorus III Mixed Chorus IV Mixed Chorus V	05110G1001a 05110G1002a 05110G1003a 05110G1004a 05110G1005a	This course is designed for students to explore choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issues, and self-reflection.	0.5	\$25
Introduction to Mixed Chorus I Mixed Chorus II Mixed Chorus III Mixed Chorus IV Mixed Chorus V	05110G1001b 05110G1002b 05110G1003b 05110G1004b 05110G1005b		1.0	
Introduction to Women's Chorus I Women's Chorus II Women's Chorus III Women's Chorus IV Women's Chorus V	05111G10W1 05111G10W2 05111G10W3 05111G10W4 05111G10W5	This is a course designed for students to explore treble choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issues, and self-reflection.	1.0	\$25
Introduction to Men's Chorus I Men's Chorus II Men's Chorus III Men's Chorus IV Men's Chorus V	05111G10M1 05111G10M2 05111G10M3 05111G10M4 05111G10M5			

<p>Introduction to Acapella Chorus I Acapella Chorus II Acapella Chorus III Acapella Chorus IV Acapella Chorus V</p>	<p>05111G10A1 05111G10A2 05111G10A3 05111G10A4 05111G10A5</p>	<p>This is a course designed for students to explore unaccompanied choral music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these experiences to historical relevance, contemporary issues, and self-reflection.</p>	<p>1.0</p>	<p>\$25</p>
<p>Introduction to Show Choir I Show Choir II Show Choir III Show Choir IV Show Choir V</p>	<p>05121G1001 05121G1002 05121G1003 05121G1004 05121G1005</p>	<p>This is a one-credit course, advanced level, designed for students to explore popular music from a wide variety of cultures and time periods through academic study and performance. By creating, performing, and responding, students will develop basic vocal skills, choreography, movement, and sight-reading techniques. Allowing musical experiences to other cultures and disciplines within and outside of the arts, music history and theory are embedded so students may connect these popular vocal style experiences to historical relevance, contemporary issues, and self-reflection.</p>	<p>1.0</p>	<p>\$25</p>
<p>Introduction to Concert Band I Concert Band II Concert Band III Concert Band IV Concert Band V</p>	<p>05102G1001 05102G1002 05102G1003 05102G1004 05102G1005</p>	<p>This course is designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>1.0</p>	<p>\$50</p>
<p>Introduction to Concert Band I Concert Band II Concert Band III Concert Band IV Concert Band V</p>	<p>05102G0501 05102G0502 05102G0503 05102G0504 05102G0505</p>	<p>This course is designed for students to experience instrumental music in a concert band setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>0.5</p>	<p>\$50</p>

Introduction to Marching Band I Marching Band II Marching Band III Marching Band IV Marching Band V	05103G1001 05103G1002 05103G1003 05103G1004 05103G1005	This course is designed for students to experience instrumental music in a marching band setting. Students will develop a characteristic tone and engage in the processes of creating, performing, and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form, and expression. Students will develop coordination skills associated with marching while playing instruments and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.	1.0	\$50
Introduction to Marching Band I Marching Band II Marching Band III Marching Band IV Marching Band V	05103G0501 05103G0502 05103G0503 05103G0504 05103G0505		0.5	\$50
Introduction to Jazz Ensemble I Jazz Ensemble II Jazz Ensemble III Jazz Ensemble IV Jazz Ensemble V	05105G1001 05105G1002 05105G1003 05105G1004 05105G100	This course is designed for students to experience instrumental music in a jazz band or jazz ensemble setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of jazz music and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.	1.0	\$50
Introduction to Jazz Ensemble I Jazz Ensemble II Jazz Ensemble III Jazz Ensemble IV Jazz Ensemble V	05105G0501 05105G0502 05105G0503 05105G0504 05105G0505		0.5	\$50
Introduction to Instrumental Chamber Ensemble I Instrumental Chamber Ensemble II Instrumental Chamber Ensemble III Instrumental Chamber Ensemble IV Instrumental Chamber Ensemble V	05106G1011 05106G1012 05106G1013 05106G1014 05106G1015	This course is designed for students to experience instrumental music in a chamber setting. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of advanced level literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.	1.0	\$50
Introduction to Instrumental Chamber Ensemble I Instrumental Chamber Ensemble II Instrumental Chamber Ensemble III Instrumental Chamber Ensemble IV Instrumental Chamber Ensemble V	05106G0511 05106G0512 05106G0513 05106G0514 05106G0515		0.5	\$50

<p>Introduction to Woodwinds I Woodwinds II Woodwinds III Woodwinds IV Woodwinds V</p>	<p>05109G10W1 05109G10W2 05109G10W3 05109G10W4 05109G10W5</p>	<p>This course is designed for students to experience instrumental music in a setting of only woodwind instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>1.0</p>	<p>\$50</p>
<p>Introduction to Brass I Brass II Brass III Brass IV Brass V</p>	<p>05109G10B1 05109G10B2 05109G10B3 05109G10B4 05109G10B5</p>	<p>Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality compositions and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>1.0</p>	<p>\$50</p>
<p>Introduction to Percussion I Percussion II Percussion III Percussion IV Percussion V</p>	<p>05109G10P1 05109G10P2 05109G10P3 05109G10P4 05109G10P5</p>	<p>This course is designed for students to experience instrumental music in a setting of only percussion instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of quality literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>1.0</p>	<p>\$50</p>
<p>Introduction to Orchestra I Orchestra II Orchestra III Orchestra IV Orchestra V</p>	<p>05104G1001 05104G1002 05104G1003 05104G1004 05104G1005</p>	<p>This course is designed for students to experience instrumental music in a setting of only orchestra instruments. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>1.0</p>	<p>\$50</p>

<p>Introduction to Orchestra Chamber I Orchestra Chamber II Orchestra Chamber III Orchestra Chamber IV Orchestra Chamber V</p>	<p>05106G1001 05106G1002 05106G1003 05106G1004 05106G1005</p>	<p>This course is designed for students to experience instrumental music in a setting of a small orchestra ensemble. Students will develop a characteristic tone and engage in the processes of creating, performing and responding as related to instrumental music, while employing the concepts of timbre, rhythm, melody, harmony, form and expression. Students will study works of famous composers of concert band literature and learn to connect musical experiences to other cultures and disciplines within and outside of the arts.</p>	<p>1.0</p>	<p>\$50</p>
<p>Traditional and Emerging Ensembles: Vocal Elective I – Novice</p> <p>Traditional and Emerging Ensembles: Vocal Elective 2 - Intermediate</p>	<p>05149G10V1 05149G10V2</p>	<p>Vocal Ensemble course developed locally, novice and intermediate level and submitted to ALSDE for approval. Once approved it may serve as ONE OF THE CTE AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION AREA OF STUDY courses for graduation. NOTE: These courses have not been approved by the ALSDE to meet the Arts Education Requirement for graduation.</p>	<p>1.0</p>	<p>\$25</p>
<p>AP Music Theory</p>	<p>05114E1000</p>	<p>College-level advanced course approved by the College Board Advanced Placement (AP) Program for music; musical structure; analysis of composition; notational systems; arrangement for instruments and/or voices; improvisational accompaniment on piano or other instruments.</p>	<p>1.0</p>	<p>Cost of AP Exam</p>
<p>Introduction to Visual Arts I</p>	<p>05154G1001</p>	<p>This one credit course, novice level, it is the first of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allow for self-expression. Through exploration and experimentation, this course provides students with a general foundation in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p>	<p>1.0</p>	<p>\$25</p>

Visual Arts II	05154G1002	<p>Prerequisite: INTRODUCTION TO VISUAL ARTS</p> <p>This one credit course, intermediate level, is the second of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allow for self-expression. Through exploration and experimentation, this course provides students with a more in depth study of foundations in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p>	1.0	\$25
Visual Arts III	05154G1003	<p>Prerequisite: VISUAL ARTS LEVEL II</p> <p>This one credit course, accomplished level, is the third of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allow for self-expression. Through exploration and experimentation, this course provides students with a comprehensive study in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p>	1.0	\$25

Visual Arts IV	05154G1004	<p>Prerequisite: VISUAL ARTS LEVEL III</p> <p>This one credit course, advanced level, is the fourth of a sequential high school course. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how visual arts communicate ideas and allow for self-expression. Through exploration and experimentation, this course provides students with an advanced study in studio processes, art criticism, aesthetics, and art history. Students respond to personal experiences and express ideas using a variety of traditional and contemporary media while effectively applying the elements of art and principles of design to create original works of art. Safe practices and proper use of tools and materials are emphasized.</p>	1.0	\$25
Ceramics	05159G1002	<p>This one credit course, intermediate level, is the first of a sequential high school course focusing on the medium of ceramics. Creating, presenting, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how ceramics communicates ideas and allows for self-expression. Through exploration and experimentation, this course provides students with a more in depth foundation in the ceramic studio processes, art criticism, aesthetics, and art history. Students will respond to personal experiences and express ideas using a variety of traditional and contemporary ceramic processes, while effectively applying the elements of art and principles of design. Safe practices and proper use of tools, equipment and materials are emphasized.</p>	1.0	\$30
AP Studio Art Two-Dimensional Design	05174E1000	<p>College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of design in concept, composition, and execution; develop a body of work investigating a visual idea in 2-D design; variety of concepts and approach in 2-D design; documentation.</p>	1.0	Cost of AP Exam

AP Studio Art: Drawing	05172E1000	Arts Courses must contain the four artistic processes -- Create, Perform, Respond, and Connect as found in the Alabama Course of Study: Arts Education. These courses may serve to fulfill the CTE and/or Foreign Language and/or Arts Education area of study. Arts courses lacking these four artistic processes may serve only as elective credit. College-level advanced course approved by the College Board Advanced Placement (AP) Program for art; portfolio production; demonstrate mastery of drawing in concept, composition, and execution; develop a body of work investigating a visual idea in drawing; variety of concepts and approaches in drawing; documentation	1.0	Cost of AP Exam
Introduction to Theatre I	05052G1001	This one credit course, proficient level, explores beginning theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will also be introduced to basic history of theater and technical theatre.	1.0	\$25
Theatre II	05052G1002	This one credit course, accomplished level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will use their acting to refine their theatre and technical technique. Students will study the history of theatre and perform solo, duo and group theatre works.	1.0	\$25
Theatre III	05052G1003	Prerequisite: THEATER II This one credit course, advanced level, continues the study of theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how theatre communicates ideas and allows for self-expression. Students will study, write and/or perform scenes and monologues. Students will further study the history of theater and technical theatre.	1.0	\$25

Introduction to Technical Theatre Production	05056G1001	This one credit course, proficient level, explores beginning technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn beginning design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials.	1.0	\$25
Theatre Production II	05056G10T2	Prerequisite: INTRODUCTION TO TECHNICAL THEATRE This one credit course, accomplished level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials.	1.0	\$25
Theatre Production III	05056G10T3	Prerequisite: TECHNICAL THEATRE PRODUCTION II This one credit course, advanced level, continues the study of technical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand theater through a technical theatre experience. Students will learn design principles, scenery, lighting, costuming and sound design for theatre productions. Students will study the history of theatre and an emphasis will be placed on the safe practices and proper use of tools, equipment and materials.	1.0	\$25

Acting Technique II	05053G1002	<p>Prerequisite: INTRODUCTION TO THEATRE I</p> <p>This one credit course, accomplished level, focuses on specific acting techniques. Creating, performing, and connecting drive critical thinking, meaning, reflection, production and assessment through specific acting techniques. Self-expression and an understanding of how methods of acting may be used to communicate artistic ideas. Students will study, write and/or perform scenes and monologues, use text analysis as well as character analysis to perform informal and formal productions.</p>	1.0	\$25
Theatre Elective I	05060G1001	<p>Theatre Elective I course developed locally at the high school Proficient level and submitted to ALSDE for approval. Once approved it may serve as ONE OF THE CTE AND/OR FOREIGN LANGUAGE AND/OR ARTS EDUCATION AREA OF STUDY courses for graduation</p>	1.0	\$25
Musical Theatre I	205099G1001	<p>This one credit course, proficient level, explores beginning musical theatre. Creating, performing, responding and connecting drive critical thinking, meaning, reflection, production and assessment to understand how musical theatre communicates ideas and allows for self-expression. Students will use their beginning acting and musical talent to explore musical theatre technique. Students will study the history of musical theatre and perform solo, duo and group musical theatre works.</p>	1.0	\$25

**Career Preparedness/Health /Driver's Education/Physical Education/Athletics
Curriculum Overview**

Number	Course	Credit	Fee
These Courses are Required for Graduation			
08017G1000	Beginning Kinesiology	1.0	No
08051G0500	Health Education	0.5	No
22153G1000	Career Preparedness	1.0	No
Electives			
08152G1000	Driver and Safety Traffic Education	0.5	\$60
08019G1000	Sports Officiating	1.0	No
½ Credit PE Courses			
08017G10011a	Advanced Kinesiology	0.5	\$10
08004G10001a	Adventure/Cooperative Activities	0.5	\$10
08005G10001a	Strength and Conditioning	0.5	\$10
08003G10001a	Life Sports: Individual, Dual, and Team	0.5	\$10
1 Credit PE Courses			
08017G10011b	Advanced Kinesiology	1.0	\$10
08004G10001b	Adventure/Cooperative Activities	1.0	\$10
08005G10001b	Strength and Conditioning	1.0	\$10
08003G10001b	Life Sports: Individual, Dual, and Team	1.0	\$10
Athletic PE Courses			
<i>PREREQUISITE: Completion of the required Beginning Kinesiology course or an approved waiver substitution from the ALSDE Superintendent. Students must have permission from the coach of the appropriate course to enroll.</i>			
08013G10VB	Varsity Volleyball	1.0 each course	No
08013G10FB	Varsity Football	1.0 each course	No
08010G10SW	Varsity Swimming	1.0 each course	No
08013G10CC	Varsity Cross Country	1.0 each course	No
08013G10BK	Varsity Boys Basketball	1.0 each course	No
08013G10BK	Varsity Girls Basketball	1.0 each course	No
08013G10WR	Varsity Wrestling	1.0 each course	No

08015G10BW	Varsity Bowling	1.0 each course	No
08013G10SC	Varsity Soccer	1.0 each course	No
08013G10SB	Varsity Softball	1.0 each course	No
08013G10BA	Varsity Baseball	1.0 each course	No
08013G10GO	Varsity Golf	1.0 each course	No
08011G10TN	Varsity Tennis	1.0 each course	No
08013G10TF	Varsity Track and Field	1.0 each course	No
08006G10CH	Varsity Cheerleading	1.0 each course	No
08008G10GM	Varsity Gymnastics	1.0 each course	No
08015G10FS	Varsity Casting, Angling, Fishing	1.0 each course	No
Health Electives			
08099G1001	Leaders in Health Advocacy	0.5	No
08099G1002	World Health	0.5	No

Career Preparedness/Health /Driver's Education/Physical Education/Athletics Course Descriptions			
Course Name	Number	Credit	Fee
Beginning Kinesiology	08017G1000	1.0	No
<p>NOTE: THIS IS THE ONLY PE COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION. Stand-alone course, which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses.</p>			
Health Education	08051G0500	0.5	No
<p>This course includes basic concepts of wellness and health promotion; accessing health information, products and services; application of health decision-making and goal-setting skills; impact of technology on health. This course is required for an Alabama High School Diploma.</p>			

Career Preparedness	22153G1000	1.0	No
<p>This one-credit course is taught in Grades 9-12, but is recommended to be taken in the 9th Grade. It fulfills a graduation requirement for the students entering the 9th grade for the first time during the 2013-2014 school year. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. In addition, this course is designed to meet the required 20-hour online experience requirement.</p>			
Driver and Safety Traffic Education	08152G1000	0.5	\$60
<p>This course includes safe driving theory; in class study; driving hazards; boating safety; behind-the-wheel experience; and safety practices. (Students are required to have a Driver's Permit to take this course; however, the principal may approve a student without a Driver's Permit with the results of an eye exam.)</p>			
Sports Officiating	08019G1000	1.0	\$10
<p>Prerequisite: Beginning Kinesiology or equivalent, Students must be 16 or older, or turn 16 during the academic year.</p>			
<p>This course is an elective course that focuses on the professional philosophy, and professional requirements for officiating sports for athletic contests. This course will cover officiating football, basketball, wrestling, volleyball, soccer, baseball, track and field, and softball. Upon completion of the course, students will be afforded the option to take certification exams for any of the sport components to become a restricted certified official with the Alabama High School Athletic Association at the middle/junior high school level. The prerequisite for this course is Beginning Kinesiology or its equivalent. The student must be age 16 or older, or turn age 16 during the academic school year. The teacher of this course must hold current registration as an Alabama High School Athletic Association official (any sport).</p>			
Adventure & Cooperative Activities	08004G10001a	0.5	\$10
Adventure & Cooperative Activities	08004G10001b	1.0	\$10
<p>Elective class that will allow students to progress through an experience-based program that emphasizes interpersonal relationships and individual growth. This course encourages students to develop greater self-confidence while acquiring a sense of commitment to and trust in their classmates. It is designed to expose students to a variety of outdoor skills. Prerequisite: Beginning Kinesiology</p>			
Advanced Kinesiology	08017G10011a	0.5	No
Advanced Kinesiology	08017G10011b	1.0	No
<p>Elective course that covers the knowledge base of kinesiology, the importance of physical activity in daily life, and the different career paths associated with a degree in kinesiology. This class is for students who wish to pursue a career as a physical education teacher, athletic, trainer, physical therapist, personal trainer, movement-related research specialist, or other careers related to health, fitness, and sports. Prerequisite: Beginning Kinesiology</p>			

Strength and Conditioning	08005G10001a	0.5	\$10
Strength and Conditioning	08005G10001b	1.0	\$10
<p>Elective course that will give students the tools and resources needed to be physically fit and healthy for a lifetime. This course is a stand-alone course open to all students. It is not part of, nor may it be combined with, varsity athletics. Prerequisite: Beginning Kinesiology.</p>			
Life Sports: Individual, Dual, and Team	08003G10001a	0.5	\$10
Life Sports: Individual, Dual, and Team	08003G10001b	1.0	\$10
<p>Elective course that gives students basic knowledge of individual, dual, and team sports. Students will progressively learn skills and game strategies for each sport, as well as historical background and terminology. Prerequisite: Beginning Kinesiology</p>			
Leaders in Health Advocacy	08099G1001	0.5	\$10
<p>Provides an opportunity for students in Grades 10-12 to become advocates for themselves, their peers, and society as a whole by engaging in activities that promote personal and community health. The class assists the school in meeting the state mandates of character education, Erin's Law, HIV/AIDS requirements, and the Jason Flatt Act through peer helping and student-led planning of schoolwide awareness, education, and prevention activities. Prerequisite: Health Education</p>			
World Health	08099G1002	0.5	\$10
<p>Introduction to the important health challenges facing the world of global health: the burden of disease, health care cost-effectiveness, and health-care systems. Prerequisite: Health Education</p>			

Additional Courses Curriculum Overview

Number	Course	Credit	Fee
Electives			
10019E1000	AP Computer Science Principles	1.0	AP Exam + Fee
10157E1000	AP Computer Science A	1.0	AP Exam + Fee
10012G1001	Exploring Computer Science	1.0	Yes
10152G1001	Programming Foundations	1.0	Yes
10013G1000	PLTW Computer Science Essentials	1.0	No
22253X10001b	Social Skills Development - Leadership I	1.0	No
22253X10002b	Social Skills Development - Leadership II	1.0	No
23992X10001a	ACT Preparation	0.5	No
23992X10001b	ACT Preparation	1.0	No
22107X10001a	Peer Helper	0.5	No
22107X10001b	Peer Helper	1.0	No
23992X10002b	Scholars Bowl	1.0	No
22997X1000	Transferred Elective	1.0	No
11104X10001b	School Publication - Level I	1.0	No
11104X10002b	School Publication - Level II	1.0	No
22051X10001a	Student Aide	0.5	No
22051X10001b	Student Aide	1.0	No
Non-Credit Electives			
22006X102a	Credit Recovery - Study Hall	0	No
22006X102a	AP Study Skills - Study Hall <i>(for students taking 3 or more AP courses)</i>	0	No
22006X103a	Study Hall	0	No
22991X0000	Homeroom	0	No
22996X10003a	Early Release (Dual Enrollment)	0	No
22996X1000NC	Early Release (Non-Dual Enrollment College Course)	0	No
23991X1000	REACH Advisory	0	No

Additional Course Descriptions

Course Name	Number	Credit	
AP Computer Science Principles	10019E1000	1.0	AP Exam + \$40
Prerequisite: Algebra I or Honors Algebra I			
<p>AP Computer Science Principles follows the curriculum established by the College Board Advanced Placement (AP) program for computer science; focuses on the innovative and multidisciplinary aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives; introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts.</p>			
AP Computer Science A	10157E1000	1.0	AP Exam + \$40
Prerequisite: Algebra I or Honors Algebra I			
<p>This college-level advanced course approved by the College Board Advanced Placement (AP) Program introduces students to computer science with fundamental topics that include: problem solving, design strategies and methodologies, organization of data, approaches to processing data, analysis of potential solutions, and the ethical and social implications of computing.</p>			
Exploring Computer Science	10012G1001	1.0	\$40
Prerequisite: It is recommended that students have completed Algebra I prior to enrolling or be concurrently enrolled in Algebra I.			
<p>Exploring Computer Science is an introductory year-long high school computer science course for students in Grades 9-10 focused on foundational computer science concepts and computational practices. Students will be introduced to the breadth of the field of computer science through an exploration of engaging and accessible topics. The course is designed to focus on the conceptual ideas of computing and help students understand why certain tools or languages might be utilized to solve particular problems.</p> <p>The goal of Exploring Computer Science is to develop in students the computational practices of algorithm development, problem solving and programming within the context of problems that are relevant to the lives of today's students. Students will also be introduced to topics such as interface design, limits of computers, and societal and ethical issues.</p> <p>Prerequisite: It is recommended that students have completed Algebra I or Geometry with Data Analysis prior to enrolling or be concurrently enrolled.</p>			
Programming Foundations	10152G1001	1.0	\$40
Prerequisite:			
<p>Programming Foundations focuses on the fundamentals of computer programming with an emphasis on computational thinking and problem-solving. Students will create authentic artifacts and engage with programming as a medium for creativity, communication, problem-solving, and fun. Students will be expected to develop logical thinking skills that pertain to programming. This course extends the standards of the Alabama Course of Study: Digital Literacy and Computer Science.</p>			

PLTW Computer Science Essentials	10013G1000	1.0	No
Prerequisite:			
This course introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language.			
Social Skills Development - Leadership I	22253X10001b	1.0	No
Prerequisite:			
This course provides an opportunity to study, practice, and develop group and individualized leadership and organizational skills. These skills include, but are not limited to, decision-making skills, problem-solving techniques, communication skills, leadership roles, human relation skills, and understanding the need for civic responsibility. Students will apply these skills in dealing with peers, school personnel, and the community.			
Social Skills Development - Leadership II	22253X10002b	1.0	No
Prerequisite: Leadership I			
In this course students will implement the skills studied, practiced, and developed in Leadership I to plan and carry out many school activities and initiatives. Leadership II will balance the practical experiences with the continued development and understanding of leadership principles and characteristics in a diverse range of organizational settings. The active involvement of the school's growth and direction will empower the youth to develop and articulate a compassionate view of the community. In addition, students will gain an enhanced perception of their own leadership style, enabling them to refine the personal characteristics needed to be an effective leader.			
ACT Preparation	23992X10001a	0.5	No
ACT Preparation	23992X10001b	1.0	No
This course is designed to prepare students to take the ACT college entrance exam.			
Peer Helper	22107X10001a	0.5	No
Peer Helper	22107X10001b	1.0	No
Prerequisite: Students must meet local school criteria to be selected.			
Scholars Bowl Team	23992X10002b	1.0	No
Prerequisite:			
This course is for members of the Scholars' Bowl Team.			
Transferred Elective	22997X1000	1.0	No
Prerequisite:			
This course code is used on a student's transcript by the local school to identify elective courses being transferred from another school.			

School Publication - Level I	11104X10001b	1.0	No
Prerequisite:			
This course includes producing a publication, format, layout, photographs, and yearbook design.			
School Publication - Level II	11104X10002b	1.0	No
Prerequisite:			
This course includes senior staff positions, financial management, and yearbook publication.			
Student Aide	22051X10001a	0.5	No
Student Aide	22051X10001b	1.0	No
Prerequisite: Students must meet local school criteria to be selected			
This course code is designed for students assigned to work with a teacher or office staff.			
Electives (non-credit courses)			
Credit Recovery - Study Hall	22006X102a	0	No
Prerequisite:			
Although a student does not earn a credit for this course, he/she does have the opportunity during this class to recover one or more credits from one or more previously failed courses. The format of this opportunity must follow the guidelines of the Credit Recovery plan for Madison County Schools, which must be approved by the superintendent and school board.			
AP Study Skills - Study Hall	22006X101a	0	No
Prerequisite:			
This course is designed for students taking at least three AP (Advanced Placement) courses to provide additional support that may be needed as they take on the increased academic rigor and workload in their schedules. No credit is awarded for this course.			
Study Hall	22006X103a	0	No
Prerequisite:			
This course is designed for students requiring additional support that may be needed as they take on the increased academic rigor and workload in their schedules. No credit is awarded for this course.			
Homeroom	22991X0000	0	No
Prerequisite:			
This course code is designed for students to meet at certain times under the supervision of a teacher who administers school business. No credit is awarded for this course.			
Early Release (Dual Enrollment)	22996X10003a	0	No

Early Release (Non-Dual Enrollment College Course)	2996X1000NC	0	No
This course code is designed for students who have been approved to participate in Technical Education Training Program, a Marketing Education Program or a Dual Enrollment Program.			
REACH Advisory	23991X1000	0	No
Prerequisite:			
This course is designed for students to meet under the supervision of a faculty advisor who facilitates REACH Advisory lessons and serves as an advocate for students. No credit is awarded for this course.			

Special Education Services

Courses for the Alabama High School Diploma Pathways

	General Education Pathway	*Essentials Pathway	**Alternate Achievement Standards Pathway	Credits
English	English 9 or any AP/IB/ Postsecondary Equivalent Courses	English Essentials 9	AAS English 9	1.0
	English 10 or any AP/IB/Postsecondary Equivalent Courses	English Essentials 10	AAS English 10	1.0
	English 11 or any AP/IB/Postsecondary Equivalent Courses	English Essentials 11	AAS English 11	1.0
	English 12 or any AP/IB/Postsecondary Equivalent Courses	English Essentials 12	AAS English 12	1.0
Mathematics	Geometry with Data Analysis	Discuss "Essentials Pathway Math Sequence Options" with the students special education case manager.	AAS Math 9	1.0
	Algebra I with Probability		AAS Math 10	1.0
	Algebra II with Statistics		AAS Math 11	1.0
	Additional course(s) to complete the four credits in mathematics must be chosen from the <i>Alabama Course of Study Mathematics</i> or CTE/AP/ Postsecondary Equivalent courses		AAS Math 12	1.0
Science	Biology	Essentials: Biology	AAS Science 9	1.0
	Physical Science	Essentials: Physical Science	AAS Science 10	1.0
	The third credit may be used to meet both the science and CTE requirement and must be chosen from the <i>Alabama Course of Study: Science</i> or CTE/AP/Postsecondary Equivalent courses	Essentials: Earth and Space Science	AAS Science 11	1.0
	The fourth credit may be used to meet both the science and CTE requirement and must be chosen from the <i>Alabama Course of Study: Science</i> or CTE/AP/Postsecondary	Essentials: Environmental Science or Essentials: Human Anatomy and Physiology	AAS Science 12	1.0

	Equivalent courses			
Social Studies	World History	Essentials I: World History	AAS Social Studies 9	1.0
	U.S. History 10	Essentials II: U.S. History to 1877	AAS Social Studies 10	1.0
	U.S. History 11	Essentials III: U.S. History from 1877	AAS Social Studies 11	1.0
	Government/Economics or AP/IB/Postsecondary Equivalent courses	Essentials IV: Economics; Essentials IV: U.S. Government	AAS Social Studies 12	1.0
Other Requirements				
Physical Education	Beginning Kinesiology	Beginning Kinesiology	Beginning Kinesiology	1.0
Health Education	Health Education	Health Education	AAS Life Skills 9 (must be aligned to Health for one semester)	0.5
Career Preparedness	Career Preparedness (includes: Career and Academic Planning, Computer Applications, and Financial Literacy)	Career Preparedness	AAS Life Skills 10 (must be aligned with components of Career Preparedness)	1.0
CTE and/or World Language and/or Arts	Students choose from CTE, Arts Education, and/or World Language courses and are encouraged to complete a course sequence	Two CTE courses in a sequence; Workforce Essentials or Transition Services	AAS Prevocational, AAS Vocational, and AAS Community- based Instruction	3.0
Electives	Electives	Minimum of one credit of Cooperative Education/ Work-Based Learning or Essentials Career Preparation; Other electives	AAS Life Skills 11; AAS Life Skills 12; AAS Elective	2.5
Total Credits Required for Graduation				24

*Course sequence for students with disabilities earning core credit through the Essentials courses. Students pursuing an Alabama High School Diploma through this pathway must participate in Community-Based Work Training or have documentation of previous work experience in addition to the course requirements described above. **Course sequence for students with significant disabilities earning core credit through Alternate Achievement Standards (AAS) courses. Students enrolled in AAS courses must be assessed using the Alabama Alternate Assessment (AAA).

Special Services Curriculum Overview

For students served by Individual Education Plans (IEP) pursuing the Essentials/Life Skills Pathway

Number	Course	Credit	Fee
01001X1001	English Essentials 9	1.0	No
01001X1002	English Essentials 10	1.0	No
01001X1003	English Essentials 11	1.0	No
01001X1004	English Essentials 12	1.0	No
02051X1001	Algebraic Concepts	1.0	No
02052X1000	Essentials Algebra I with Probability	1.0	No
02056X1001	Essentials Algebra II with Statistics	1.0	No
02073X1000	Essentials Geometry with Data Analysis	1.0	No
02137X1000	Essentials Mathematical Modeling	1.0	No
03051X1000	Essentials Biology	1.0	No
03159X1000	Essentials Physical Science	1.0	No
03008X1000	Essentials Earth and Space Science	1.0	No
03003X1000	Essentials Environmental Science	1.0	No
03053X1000	Essentials Human Anatomy and Physiology	1.0	No
04051X1000	Essentials I: World History	1.0	No
04102X1011	Essentials II: U.S. History to 1877	1.0	No
04103X1011	Essentials III: U.S. History from 1877	1.0	No
04201X0511	Essentials IV: Economics	.5	No
04151X0511	Essentials IV: Government	.5	No
22151X1000	Transition Services	1.0	No
22998G1014	Cooperative Education 1 - Work Based Experience	1.0	No
19258X1000	Essentials Career Preparation	1.0	No

Special Programs Course Descriptions

Course Name	Number	Credit	Fee
English Essentials 9	01001X1001	1.0	No
Prerequisite:			
<p>This ninth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.</p>			
English Essentials 10	01001X1002	1.0	No
Prerequisite:			
<p>This tenth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.</p>			
English Essentials 11	01001X1003	1.0	No
Prerequisite:			
<p>This eleventh grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.</p>			
English Essentials 12	01001X1004	1.0	No
Prerequisite:			
<p>This twelfth grade course provides students with a practical knowledge of language and literature. The course also includes the refinement of reading, writing, editing and speaking skills. It is designed to prepare students for Postsecondary education and employment.</p>			
Essentials Algebra I with Probability	02052X1000	1.0	No
Prerequisite:			
<p>Essentials Algebra I with Probability builds upon algebraic concepts studied in Grade 7 and Grade 8 Mathematics. It provides students with the necessary knowledge of algebra and probability for use in everyday life and in the subsequent study of mathematics.</p>			

Essentials Algebra II with Statistics	02056X1001	1.0	No
Prerequisite:			
Essentials Algebra II with Statistics builds on the students' experiences in previous mathematics in Essentials Geometry with Data Analysis and Essentials Algebra I with Probability.			

Essentials Geometry with Data Analysis	02073X1000	1.0	No
Prerequisite:			
Essentials Geometry with Data Analysis is the first of three required courses in high school mathematics for students on the Essentials Pathway. In Essentials Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study.			
Essentials Mathematical Modeling	02137X1000	1.0	No
Prerequisite:			
Essentials Mathematical Modeling is developed to expand on and reinforce the concepts introduced in Essentials Geometry with Data Analysis, Essentials Algebra I with Probability, and Essentials Algebra II with Statistics by applying them in the context of mathematical modeling to represent and analyze data and make predictions regarding real-world phenomena. Essentials Mathematical Modeling is designed to engage students in doing, thinking about, and discussing mathematics, statistics, and modeling in everyday life. It allows students to experience mathematics and its applications in a variety of ways that promote financial literacy and data-based decision-making skills.			

Essentials Biology	03051X1000	1.0	No
This course is designed to provide students with practical knowledge of Biology including process and application skills; cell processes; cell theory; photosynthesis and cellular respiration; genetics; classification; plants; animals; ecology; biogeochemical cycles.			
Essentials Physical Science	03159X1000	1.0	No
This course is designed to provide students with practical knowledge of Physical Science including scientific process and application skills; periodic table; solutions; bonding; chemical formulas; physical and chemical change; gravitational, electromagnetic, and nuclear forces; motion; energy; energy transformation; electricity and magnetism; nuclear science; metric units.			
Essentials Earth and Space Science	03008X1000	1.0	No
This course is designed to provide students with practical knowledge of Earth and Space Science including scientific process and application skills; energy in the Earth system; weather; seasons; theories for origin and age of the universe; stars, pulsars, quasars, black holes, and galaxies; Earth and space scientists; space exploration.			

Essentials Environmental Science	03003X1000	1.0	No
This course is designed to provide students with a practical knowledge of Environmental Science including scientific process and application skills; natural and human impacts; carrying capacity; renewable and nonrenewable energy resources; properties and importance of water; land use practices; composition and erosion of soil.			
Essentials Human Anatomy and Physiology	03053X1000	1.0	No
This course is designed to provide students with a practical knowledge of Human Anatomy and Physiology including scientific process and application skills; anatomical terminology; structure and function of cells, tissues, and body systems; biochemistry; system regulation and integration.			
Essentials I: World History	04051X1000	1.0	No
This course is a study of world history from 1500 to the present. Students are able to apply and utilize their knowledge to develop informed opinions about issues such as the quest for peace, human rights, trade, global ecology and the impact each has on everyday life situations.			
Essentials II: U.S. History to 1877	04102X1011	1.0	No
This course follows a chronological study of major events, issues, movements, leaders, and groups of people of the United States through Reconstruction from a national and Alabama perspective.			
Essentials III: U.S. History from 1877	04103X1011	1.0	No
This course begins with the post-Reconstruction United States and its shift into a more industrialized society and continues through the twentieth century to the present.			
Essentials IV: Economics	04201X0511	0.5	No
This course is a nine-week course that focuses on the functions and institutions of modern-day economic systems and theory. Students gain skills that will enable them to anticipate changes in economic conditions and how to adjust to the changes to improve their lives and their communities.			
Essentials IV: Government	04151X0511	0.5	No
This course is a nine-week course that focuses on the origins, structure, and functions of government at all levels. It also includes a detailed study of the constitution of the United States and its provisions.			
Essentials Career Prep	19258X1000	1.0	No
This code applies to teachers teaching work-based experience to high school students. Work-based experiences can be an apprenticeship (paid) or an internship (unpaid). The student should have a minimum of 140 successful hours under the supervision of a workplace mentor and the special education teacher and/or a representative of vocational services. This course meets the requirements of the Essentials/Life Skills Pathway. Teachers for this course do not have to meet the highly qualified teacher status.			
Transition Services	22151X10000	1.0	No
This code applies to teachers teaching beginning transition skills to high school students. This course will prepare students to become self-advocates, participate in postsecondary education and/or training to gain meaningful employment and support community participation as they plan for life after high school. This course can be taken by special education students on any Pathway. It is locally defined and created according to the individual needs of the student enrolled. It can be taken multiple times to support student progress. This class is required for students on the Essentials Pathway. Students may receive community-based instruction as a part of this class.			

Alternate Achievement Standards Pathway Curriculum Overview

For students served by Individual Education Plans (IEP) pursuing the Alternate Achievement Standards Pathway

Number	Course	Credit	Fee
01037X1001	AAS: English Language Arts - 9	1.0	No
01037X1002	AAS: English Language Arts - 10	1.0	No
01037X1003	AAS: English Language Arts - 11	1.0	No
01037X1004	AAS: English Language Arts - 12	1.0	No
02039X1001	AAS: Mathematics - 9	1.0	No
02039X1002	AAS: Mathematics - 10	1.0	No
02039X1003	AAS: Mathematics - 11	1.0	No
02039X1004	AAS: Mathematics - 12	1.0	No
03239X1001	AAS: Science 9	1.0	No
03239X1002	AAS: Science 10	1.0	No
03239X1003	AAS: Science 11	1.0	No
03239X1004	AAS: Science 12	1.0	No
04439X1001	AAS: Social Science 9	1.0	No
04439X1002	AAS: Social Science 10	1.0	No
04439X1003	AAS: Social Science 11	1.0	No
04439X1004	AAS: Social Science 12	1.0	No
Required Courses			
08017G1000	Beginning Kinesiology	1.0	No
08051X1001	AAS Health	0.5	No
19258X1001	AAS Life Skills – Career Preparation	1.0	No
Career Technical Education Credits			
22152X1001	AAS Pre-Vocational	1.0	No
22153X1001	AAS Vocational	1.0	No
22251X1001	AAS Community Based Instruction (CBI)	1.0	No
Electives			
19257X1001	AAS Life Skills	1.0	No
22250X1001	AAS Elective (Daily Living)	1.0	No

01049X1001	AAS: Reading - 9	1.0	No
01049X1002	AAS: Reading - 10	1.0	No
01049X1003	AAS: Reading - 11	1.0	No
01049X1004	AAS: Reading - 12	1.0	No
Courses for Students Remaining After Four Years			
01049X1000	Reading Beyond	0	No
02039X1005	Mathematics Beyond		
22251X1005	CBI Beyond	0	No
19257X1005	Life Skills Beyond	0	No
22250X1005	Elective Beyond	0	No
22153X1005	Vocational Beyond	0	No

Alternate Achievement Standards Pathway Curriculum Overview

For students served by Individual Education Plans (IEP) pursuing the Alternate Achievement Standards Pathway

Number	Course	Credit	Fee
AAS: English Language Arts - 9	01037X1001	1.0	No

This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

AAS: English Language Arts - 10	01037X1002	1.0	No
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This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.

AAS: English Language Arts - 11	01037X1003	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: English Language Arts - 12	01037X1004	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in English language arts using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Reading - 9	01049X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Reading - 10	01049X1002	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Reading - 11	01049X1003	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

AAS: Reading - 12	01049X1004	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in reading using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Mathematics 9	02039X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Mathematics 10	02039X1002	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Mathematics 11	02039X1003	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Mathematics 12	02039X1004	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in mathematics using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

AAS: Science-9	03239X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Science-10	03239X1002	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Science-11	03239X1003	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Science-12	03239X1004	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in science using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Social Studies-9	04439X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

AAS: Social Studies-10	04439X1002	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Social Studies-11	04439X1003	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Social Studies-12	04439X1004	1.0	No
<p>This code applies to students with significant cognitive disabilities who are working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are enrolled in social studies using alternate achievement standards (Extended Standards). A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

Course Requirements for Special Education Students Earning Core Credit through Alternate Achievement Standards (AAS). (One credit is required for each course, but students can take the course at any grade level.)

Beginning Kinesiology	08017G1000	1.0	No
<p>NOTE: THIS IS THE ONLY COURSE THAT FULFILLS THE GRADUATION REQUIREMENT FOR PHYSICAL EDUCATION. Stand-alone course which encompasses the basic concepts of athletics and fitness, and introduces students to the basic physiological, psychological, sociological, and mechanical principles of human movement. Highly recommended that students take Beginning Kinesiology in Grade 9. Prerequisite for all physical education elective courses.</p>			
AAS: Health	08051X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives are aligned with the content standards in the Alabama Course of Study: Health Education. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Life Skills – Career Preparation	19258X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in a course working towards the Alabama High School Diploma following the Alternate Achievement Standards Pathway and are assessed using alternate achievement standards (Extended Standards). Course objectives emphasize increasing independence and self-determination skills. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

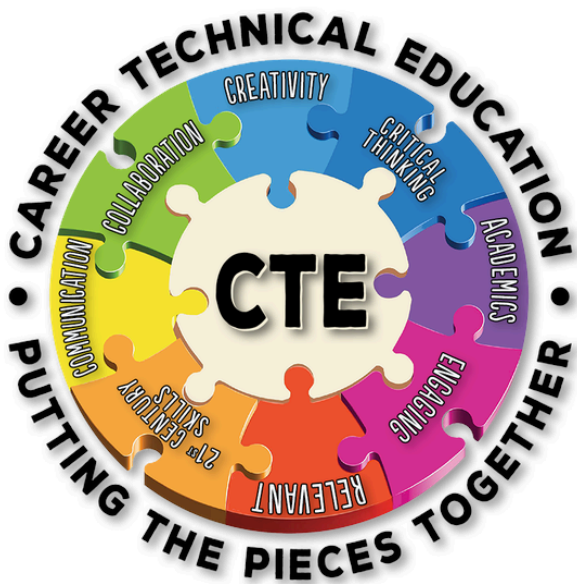
AAS: Pre-Vocational	22152X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in a pre-vocational course. Course objectives emphasize job exploration and pre-employment readiness instruction. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Vocational	22153X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in a vocational course. Course objectives emphasize increasing job readiness and employability skills. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Community Based Instruction (CBI)	22251X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in a community-based instruction. Course objectives emphasize learning beyond the classroom through community integration. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Life Skills	19257X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in a life skills course. Course objectives emphasize increasing independence and self-determination skills. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
AAS: Elective (Daily Living)	22250X1001	1.0	No
<p>This code applies to students with significant cognitive disabilities enrolled in an elective course. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

Reading Beyond	01049X1000	0	No
<p>Reading curriculum and goals are based on a student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
Mathematics Beyond	02039X1005	0	No
<p>Math curriculum and goals are based on a student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
CBI Beyond	22251X1005	0	No
<p>Course objectives emphasize learning beyond the classroom through community integration. Curriculum and goals are based on a student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
Vocational Beyond	22153X1005	0	No
<p>Course objectives emphasize increasing job readiness and employability skills. Curriculum and goals are based on a student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
Life Skills Beyond	19257X1005	1.0	No
<p>Course objectives emphasize increasing independence and self-determination skills. Curriculum and goals are based on a student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			
Elective Beyond	22250X1005	1.0	No
<p>Curriculum and goals are based on a student's academic and transition needs as identified in his or her IEP. A special education teacher will be considered properly certified to teach students with disabilities who take AAS courses at any grade level if valid Alabama certification is held in one of the following – Collaborative Special Education K-6; Collaborative Special Education 6-12; Early Childhood Special Education P-3; or Special Education P-12, excluding gifted.</p>			

Career and Technical Courses



Madison County CTE





Workforce Development Programs Buckhorn High School



Agriculture, Food & Natural Resources General Agriculture

This program is designed to deliver a variety of agricultural disciplines which will provide students a general understanding of the scope of agriculture as it relates to the following areas: animal science, plant science, food science, forestry and wildlife sciences, agricultural construction and agricultural mechanics.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
18003G1001	Fundamentals of Agriscience	None	9-12	1.0	\$40.00
18003G1002	Intermediate Agriscience	None	9-12	1.0	\$40.00
18003G1003	Advanced Agriscience	None	9-12	1.0	\$40.00
18998G1000	Career Pathway Project in AFNR	Successful Completion of 2 General Agriscience Courses	11-12	1.0	\$40.00
18997G1000	CTE Lab in AFNR	Successful Completion of 2 General Agriscience Courses	11-12	1.0	\$40.00

Business Management & Administration Business Management

This cluster prepares high school students for careers in the field of business management and administration. Rigorous instruction is provided to equip learners with knowledge and skills for college and career readiness. Extended learning experiences to enrich and enhance instruction is reinforced through learner participation in career and technical student organizations.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
10005G1001	Business Software Applications 1	None	9-12	1.0	\$40.00
10005G1002	Business Software Applications 2	Business Software Applications 1	10-12	1.0	\$40.00
16202G1001	Economics and Financial Services	None	10-12	1.0	\$40.00
02154G1001	Business and Consumer Mathematics	None	11-12	1.0	\$40.00
12047G1001	Career Pathway Project in Business Management	Successful Completion of 2 Business Courses	11-12	1.0	\$40.00
12047G1002	CTE Lab in Business Management and Administration	Successful Completion of 2 Business Courses	11-12	1.0	\$40.00

Government and Public Administration

Army JROTC

The objectives of Army JROTC program are to prepare Cadets for leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program provides instruction and opportunities to benefit the student, community, and nation.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
09051G1001	Army Leadership Education and Training 1	None	9-12	1.0	\$40.00
09051G1002	Army JROTC 1b		9-12	1.0	\$40.00
09052G1001	Army Leadership Education and Training 2	Army Leadership Education and Training 1	10-12	1.0	\$40.00
09052G1002	Army JROTC 2b		10-12	1.0	\$40.00
09053G1001	Army Leadership Education and Training 3	Army Leadership Education and Training 2	11-12	1.0	\$40.00
09053G1002	Army JROTC 3b		11-12	1.0	\$40.00
09054G1001	Army Leadership Education and Training 4	Army Leadership Education and Training 3	11-12	1.0	\$40.00
09054G1002	Army JROTC 4b		11-12	1.0	\$40.00
09997G1001	Career Pathway Project - Government and Public Administration	Army Leadership Education and Training 4	11-12	1.0	\$40.00

Health Science

Project Lead the Way Biomedical

The PLTW Biomedical Science program curriculum allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Knowledge and skills are reinforced and enhanced through participation in HOSA – Future Health Professionals and project-based learning opportunities.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
14252G1002	Principles of Biomedical Sciences	None	9-12	1.0	\$40.00
14299G1002	Human Body Systems		9-12	1.0	\$40.00
14299G1003	Medical Interventions	Human Body Systems	10-12	1.0	\$40.00
14255G1000	Biomedical Innovations	Medical Interventions	10-12	1.0	\$40.00
14999G1000	CTE Lab in Health Science	Successful Completion of 2 Health Science Courses	11-12	1.0	\$40.00

Hospitality & Tourism

Restaurant, Food & Beverage Systems

This program begins with the fundamentals and principles of the art of cooking, management and production skills, and techniques. Within this pathway, students can pursue a national sanitation certification, industry certification, articulation credit, and scholarships.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
16001G1000	Hospitality and Tourism	None	9-12	1.0	\$40.00
16053G1012	Culinary Arts 1	Hospitality and Tourism	9-12	1.0	\$40.00
16053G1022	Culinary Arts 2	Hospitality and Tourism & Culinary Arts 1	9-12	1.0	\$40.00
16057G1000	Event Planning	Hospitality and Tourism	9-12	1.0	\$40.00
16097G1001	Career Pathway Project in Hospitality and Tourism	Successful Completion of 2 Hospitality and Tourism Courses	11-12	1.0	\$40.00
16097G1002	CTE Lab in Hospitality and Tourism		11-12	1.0	\$40.00

Human Services

Early Childhood Development and Services

This program is for students who are interested in pursuing careers with young children from birth to school age. Courses provide an overview of safe and healthy learning environments; children's physical, intellectual, social, and emotional development; building productive relationships with families; managing an effective child care program; professionalism; techniques for observing and recording children's behavior; and principles of child development.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
19251G1000	Family and Consumer Sciences	None	9-12	1.0	\$40.00
19255G1002	Child Development		9-12	1.0	\$40.00
19052G1000	Infant and Toddler Development		9-12	1.0	\$40.00
19297G1000	Career Pathway Project - Human Services	Successful Completion of 2 Human Services Courses	11-12	1.0	\$40.00
19147G1002	CTE Lab in Human Services		11-12	1.0	\$40.00

Work Based Learning Cooperative Education / Internships

Work-Based Learning provides students with educational opportunities that typically cannot be replicated in the classroom. Work-based experiences are designed to connect information learned in the classroom with skills obtained in an occupational setting as an apprentice or intern. Work-based learning promotes improved skills, higher efficiency and the availability of a better-trained labor pool that encourages business growth and productivity

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
22998G1014	Cooperative Education	None	11-12	1 .0 - 8.0	\$0.0 0

Students may also enroll in Workforce Development Programs offered at the Madison County Career Technical Center.
(see that section of the academic guide for program and course offerings)



Workforce Development Programs Hazel Green High School



Agriculture, Food & Natural Resources General Agriculture

This program is designed to deliver a variety of agricultural disciplines which will provide students a general understanding of the scope of agriculture as it relates to the following areas: animal science, plant science, food science, forestry and wildlife sciences, agricultural construction and agricultural mechanics.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
18003G1001	Fundamentals of Agriscience	None	9-12	1.0	\$40.00
18003G1002	Intermediate Agriscience		9-12	1.0	\$40.00
18003G1003	Advanced Agriscience		9-12	1.0	\$40.00
18056G1001	Landscape Design & Management		9-12	1.0	\$40.00
18404G1001	Agricultural Welding	Fundamentals of Agriscience	9-12	1.0	\$40.00
18998G1000	Career Pathway Project in AFNR	Successful Completion of 2 General Agriscience Courses	11-12	1.0	\$40.00
18997G1000	CTE Lab in AFNR		11-12	1.0	\$40.00

Government & Public Administration

Navy JROTC

The objectives of Navy JROTC are to instill in students in United States secondary educational institutions the values of citizenship, service to the United States, personal responsibility and a sense of accomplishment.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
09101G1001	Naval Science 1	None	9-12	1.0	\$40.00
09101G1002	Naval Science 1b	Naval Science 1	9-12	1.0	\$40.00
09102G1001	Naval Science 2		9-12	1.0	\$40.00
09102G1002	Naval Science 2b	Naval Science 2	9-12	1.0	\$40.00
09103G1001	Naval Science 3		10-12	1.0	\$40.00
09103G1002	Naval Science 3b	Naval Science 3	10-12	1.0	\$40.00
09104G1001	Naval Science 4		10-12	1.0	\$40.00
09104G1000	Naval Science 4b	Naval Science 4	10-12	1.0	\$40.00

09101G1003	Naval Leadership Lab and Drill 1a	Must be Enrolled Concurrently with Matching Naval Science Course	11-12	1.0	\$40.00
09102G1003	Naval Leadership Lab and Drill 2a		11-12	1.0	\$40.00
09103G1003	Naval Leadership Lab and Drill 3a		11-12	1.0	\$40.00
09104G1003	Naval Leadership Lab and Drill 4a		11-12	1.0	\$40.00
09004G0500	JROTC Leadership Application 1/2 credit	Prior Approval of Senior Navy Instructor	11-12	0.5	\$20.00
09990G1003	Leadership and Foundation for Success		11-12	1.0	\$40.00

Information Technology

Computer Science

This pathway includes the study of theoretical algorithms and the practical problems involved in implementing them through computer hardware and software. This pathway includes artificial intelligence, software engineering, programming, and computer graphics. The need for computer science as a discipline has grown as computers become more integrated into daily life and technology continues to advance. This pathway provides students with skills required for the workforce both now and in the future.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
10001G1000	Information Technology Fundamentals	None	9-12	1.0	\$40.00
10019R1000	Computer Science Principles (AP)	Information Technology Fundamentals	9-12	1.0	\$0.00
10157E1000	Computer Science A (AP)	Information Technology Fundamentals	9-12	1.0	\$0.00
10997G1002	CTE Lab in Information Technology	Successful Completion of 2 Computer Science Courses	11-12	1.0	\$40.00

Health Science

Medical Academy

The Health Science Program instructional content incorporates project- and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Knowledge and skills are reinforced and enhanced through participation in HOSA – Future Health Professionals and work-based learning opportunities.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
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14002G1001	Foundations of Health Science	None	9-12	1.0	\$40.00
14149G1000	Diagnostic Services	Foundations of Health Science	9-12	1.0	\$40.00
14062G1003	Sports Medicine Fundamentals	Foundations of Health Science, Diagnostics & Instructor Approval	11-12	1.0	\$40.00
14051G1000	Patient Care Technician	Foundations of Health Science	12	1.0	\$40.00
14298G1000	Health Science Internship	Successful Completion of 2 Health Science Courses and Instructor Approval	12	1.0	\$40.00
14999G1000	CTE Lab in Health Science		11-12	1.0	\$40.00
14997G1000	Career Pathway Project in Health Science		11-12	1.0	\$40.00

Hospitality & Tourism

Restaurant, Food & Beverage Service

This program begins with the fundamentals and principles of the art of cooking, management and production skills, and techniques. Within this pathway, students can pursue a national sanitation certification, industry certification, articulation credit, and scholarships.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
16001G1000	Hospitality and Tourism	None	9-12	1.0	\$40.00
16053G1012	Culinary Arts 1	Hospitality and Tourism	9-12	1.0	\$40.00
16053G1022	Culinary Arts 2	Hospitality and Tourism and Culinary Arts 1	9-12	1.0	\$40.00
16056G1000	Baking and Pastry Arts		9-12	1.0	\$40.00
16057G1000	Event Planning	Hospitality and Tourism	9-12	1.0	\$40.00
16097G1002	CTE Lab in Hospitality and Tourism	Successful Completion of 2 Hospitality program courses	11-12	1.0	\$40.00
16097G1001	Career Pathway Project		11-12	1.0	\$40.00

Human Services

Early Childhood Development & Services Program

This program is for students who are interested in pursuing careers with young children from birth to school age. Courses provide an overview of safe and healthy learning environments; children's physical, intellectual, social, and emotional development; building productive relationships with families; managing an effective child care program; professionalism; techniques for observing and recording children's behavior; and principles of child development.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
19251G1000	Family and Consumer Sciences	None	9-12	1.0	\$40.00
19255G1002	Child Development	None	9-12	1.0	\$40.00
19052G1000	Infant and Toddler Development	None	9-12	1.0	\$40.00
05193G1012	Interior Design I	None	9-12	1.0	\$40.00
19297G1000	Career Pathway Project - Human Services	Successful Completion of 2 Human Services Courses	11-12	1.0	\$40.00
19147G1002	CTE Lab in Human Services		11-12	1.0	\$40.00

Marketing

Marketing, Sales & Service

This program is for students who are interested in pursuing careers in marketing. Courses provide an overview of career opportunities, which are available in every sector of the economy and require individuals working in marketing to become familiar with topics including sales, marketing, customer service, telecommunications, research, and media.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
12166G1002	Customer Service and Sales	None	9-12	1.0	\$40.00
12162G1001	Digital Marketing		9-12	1.0	\$40.00
12053G1000	Entrepreneurship	None	9-12	1.0	\$40.00
12009G1001	Business Communications		9-12	1.0	\$40.00
12105G1001	Economic and Financial Services		9-12	1.0	\$40.00
12163G1003	Sports and Entertainment Marketing		9-12	1.0	\$40.00
12197G1002	CTE Lab in Marketing		Successful Completion of 2 Marketing Courses	11-12	1.0

Science, Technology, Engineering & Mathematics

Engineering

Engineering is designed to offer students an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematics principles used in problem solving through the engineering design process. Students will also explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
21005G1000	Foundations of Engineering and Technology		9-12	1.0	\$40.00

None

21014G1000	Environmental Engineering		9-12	1.0	\$40.00
21009G1000	Robotic Systems		9-12	1.0	\$40.00
21002G1000	Applications of Engineering Technology	Foundations of Engineering; Algebra I	10-12	1.0	\$40.00
21015G1001	Computer Engineering and Technology	Foundations of Engineering Technology	10-12	1.0	\$40.00
21047G1000	Capstone of Engineering and Technology	Foundations of Engineering; Applications of Engineering Technology; Geometry; Algebra I	11-12	1.0	\$40.00
21997G1000	CTE Lab in STEM	Successful Completion of 2 STEM Courses	11-12	1.0	\$40.00
21047G1001	Career Pathway Project in STEM		11-12	1.0	\$40.00

Work Based Learning

Cooperative Education / Internships

Work-Based Learning provides students with educational opportunities that typically cannot be replicated in the classroom. Work-based experiences are designed to connect information learned in the classroom with skills obtained in an occupational setting as an apprentice or intern. Work-based learning promotes improved skills, higher efficiency and the availability of a better-trained labor pool that encourages business growth and productivity

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
22998G1014	Cooperative Education	None	11-12	1.0 - 8.0	\$0.00

Students may also enroll in Workforce Development Programs offered at the Madison County Career Technical Center. (see that section of the academic guide for program and course offerings)



Workforce Development Programs Madison County High School



Agriculture, Food & Natural Resources General Agriculture

This program is designed to deliver a variety of agricultural disciplines which will provide students a general understanding of the scope of agriculture as it relates to the following areas: animal science, plant science, food science, forestry and wildlife sciences, agricultural construction and agricultural mechanics.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
18003G1001	Fundamentals of Agriscience	None	9-12	1.0	\$40.00
18003G1002	Intermediate Agriscience	None	9-12	1.0	\$40.00
18003G1003	Advanced Agriscience	None	9-12	1.0	\$40.00
18404G1001	Agricultural Welding 1	None	9-12	1.0	\$40.00
18998G1000	Career Pathway Project in AFNR	Successful Completion of 2 General Agriscience Courses	11-12	1.0	\$40.00
18997G1000	CTE Lab in AFNR		11-12	1.0	\$40.00

Information Technology

Programming and Software Development Program

This program is for students who are interested in careers that involve designing, implementing, and maintaining computer systems and software for desktop and web-based applications. Courses provide an overview of the knowledge and skills required in computer operating systems, programming languages, and software development.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
10012G1001	Exploring Computer Science Principles	None	9-12	1.0	\$0.00
10152G1001 Programming Foundations 1.0 No	10152G1001 Programming Foundations 1.0 No	10152G1001 Programming Foundations 1.0 No	10152G1001 Programming Foundations 1.0 No	10152G1001 Programming Foundations 1.0 No	10152G1001 Programming Foundations 1.0 No

10019E1000	AP Computer Science	None	9-12	1.0	\$0.00
10157E1000	AP Computer Science A	None	9-12	1.0	\$0.00

Government & Public Administration

ARMY JROTC

The objectives of Army JROTC program are to prepare Cadets for leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program provides instruction and opportunities to benefit the student, community, and nation.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
09051G1001	Army Leadership Education and Training 1	None	9-12	1.0	\$40.00
09051G1002	Army JROTC 1b	Army Leadership Education and Training 1	9-12	1.0	\$40.00
09052G1001	Army Leadership Education and Training 2	Leadership Education and Training 1	9-12	1.0	\$40.00
09052G1002	Army JROTC 2b	Army Leadership Education and Training 2	9-12	1.0	\$40.00
09053G1001	Army Leadership Education and Training 3	Leadership Education and Training 2	10-12	1.0	\$40.00
09053G1002	Army JROTC 3b	Army Leadership Education and Training 3	10-12	1.0	\$40.00
09054G1001	Army Leadership Education and Training 4	Leadership Education and Training 3	10-12	1.0	\$40.00
09054G1002	Army JROTC 4b	Army Leadership Education and Training 4	10-12	1.0	\$40.00
09997G1001	Career Pathway Project - Government and Public Administration	Army Leadership Education and Training 4	11-12	1.0	\$40.00

Human Services

Food, Wellness & Dietetics

This program is for students who are interested in pursuing careers in nutrition, wellness, and health and disease prevention. Courses provide students with knowledge in event planning; photographic styling applications; social media and digital design techniques; developing and adapting food products for marketing and specific nutrition needs; meal planning; food safety; and the scientific investigation of production, processing, preparation, evaluation, and utilization of food.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
19251G1000	Family and Consumer Sciences	None	9-12	1.0	\$40.00

19252G1000	Food and Nutrition	None	9-12	1.0	\$40.00
16057G1000	Event Planning	None	9-12	1.0	\$40.00
19299G1000	Entrepreneurship in FACS	None	9-12	1.0	\$40.00
19147G1002	CTE Lab in Human Services	Successful Completion of 2 Human Services Courses	11-12	1.0	\$40.00
19297G1000	Career Pathway Project in Human Services		11-12	1.0	\$40.00

Work Based Learning

Cooperative Education / Internships

Work-Based Learning provides students with educational opportunities that typically cannot be replicated in the classroom.

Work-based experiences are designed to connect information learned in the classroom with skills obtained in an occupational setting as an apprentice or intern. Work-based learning promotes improved skills, higher efficiency and the availability of a better-trained labor pool that encourages business growth and productivity

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
22998G1014	Cooperative Education	None	11-12	1.0 - 8.0	\$0.00

Students may also enroll in Workforce Development Programs offered at the Madison County Career Technical Center.
(see that section of the academic guide for program and course offerings)



Workforce Development Programs New Hope High School



Agriculture, Food & Natural Resources

General Agriscience

This program is designed to deliver a variety of agricultural disciplines which will provide students a general understanding of the scope of agriculture as it relates to the following areas: animal science, plant science, food science, forestry and wildlife sciences, agricultural construction and agricultural mechanics.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
18003G1001	Fundamentals of Agriscience	None	9-12	1.0	\$40.00
18003G1002	Intermediate Agriscience	None	9-12	1.0	\$40.00
18003G1003	Advanced Agriscience	None	9-12	1.0	\$40.00
18501G0501	Fish and Wildlife	None	9-12	0.5	\$20.00
18052G1001	Horticulture Science	None	9-12	0.5	\$20.00
18998G1000	Career Pathway Project in AFNR	Successful Completion of 2 General Agriscience Courses	11-12	1.0	\$40.00
18997G1000	CTE Lab in AFNR		11-12	1.0	\$40.00

Human Services

Food, Wellness & Dietetics

This program is for students who are interested in pursuing careers in nutrition, wellness, and health and disease prevention. Courses provide students with knowledge in event planning; photographic styling applications; social media and digital design techniques; developing and adapting food products for marketing and specific nutrition needs; meal planning; food safety; and the scientific investigation of production, processing, preparation, evaluation, and utilization of food.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
19251G1000	Family and Consumer Sciences	None	9-12	1.0	\$40.00
19252G1000	Food and Nutrition		9-12	1.0	\$40.00
16057G1000	Event Planning		9-12	1.0	\$40.00
19299G1000	Entrepreneurship in FACS		9-12	1.0	\$40.00
19253G1000	Dietetics		9-12	1.0	\$40.00
19147G1002	CTE Lab in Human Services	Successful Completion of 2 Human Services Courses	11-12	1.0	\$40.00
19297G1000	Career Pathway Project in Human Services		11-12	1.0	\$40.00

Work Based Learning

Cooperative Education / Internships

Work-Based Learning provides students with educational opportunities that typically cannot be replicated in the classroom. Work-based experiences are designed to connect information learned in the classroom with skills obtained in an occupational setting as an apprentice or intern. Work-based learning promotes improved skills, higher efficiency and the availability of a better-trained labor pool that encourages business growth and productivity

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
22998G1014	Cooperative Education	None	11-12	1.0 - 8.0	\$0.00

Students may also enroll in Workforce Development Programs offered at the Madison County Career Technical Center.
(see that section of the academic guide for program and course offerings)



Agriculture, Food & Natural Resources
General Agriculture

This program is designed to deliver a variety of agricultural disciplines which will provide students a general understanding of the scope of agriculture as it relates to the following areas: animal science, plant science, food science, forestry and wildlife sciences, agricultural construction and agricultural mechanics.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
18003G1001	Fundamentals of Agriscience	None	10-12	1.0	\$40.00
18003G1002	Intermediate Agriscience		10-12	1.0	\$40.00
18003G1003	Advanced Agriscience		10-12	1.0	\$40.00
18998G1000	Career Pathway Project in AFNR	Successful Completion of 2 General Agriscience Courses	11-12	1.0	\$40.00
18997G1000	CTE Lab in AFNR		11-12	1.0	\$40.00

Arts, AV Technology & Communications

Commercial Photography

Commercial Photography provides students with the opportunity to experience practical training in current and emerging photographic technology. The curriculum is based on industry standards designed to provide specialized skills and technical knowledge relevant to commercial, fine art and portrait photography. Students will have the opportunity to take national certification exams in professional photography and adobe software (Photoshop) as a junior or senior. Students focus on essential elements in both digital and film mediums including film development and darkroom procedures, plus digital image editing and manipulation using Adobe Photoshop, studio portrait lighting, commercial product photography, as well as the safety, history, and composition principles of the photographic discipline.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
11052G1012 I	Introduction to Commercial Photography	None	10-12	1.0	\$40.00
11052G1022	Medium Format Photography	Introduction to Commercial Photography	10-12	1.0	\$40.00
11052G1001	Large Format Photography	Medium Format Technology	10-12	1.0	\$40.00
11197G1002	CTE Lab in Arts, A/V, TV, and Communication	Successful Completion of 3 Commercial Photography Courses	11-12	1.0	\$40.00
11197G1001	Senior Pathway Project - Arts, AV, TV, and Communication		11-12	1.0	\$40.00

Business Management & Administration

Business Management

This program prepares high school students for careers in the field of business management and administration. Rigorous instruction is provided to equip learners with knowledge and skills for college and career readiness. Extended learning experiences to enrich and enhance instruction is reinforced through learner participation in career and technical student organizations.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
11153G1001	Digital Media Design	None	9-12	1.0	\$40.00
11153G1002	Digital Publications Design		9-12	1.0	\$40.00
12054G1001	Business and Legal Concepts		9-12	1.0	\$40.00
12002G1002	Business Essentials		9-12	1.0	\$40.00
12002G1002	Entrepreneurship		9-12	1.0	\$40.00
12002G1002	Foundations of Business Leadership		9-12	1.0	\$40.00
12002G1002	Human Resource Management		9-12	1.0	\$40.00
12047G1003	Career Pathway Project on Business Management	Successful Completion of 2 Business Management and Administration Courses	11-12	1.0	\$40.00
12047G1002	CTE Lab in Business Management		11-12	1.0	\$40.00

Government & Public Administration

ARMY JROTC

The objectives of Army JROTC program are to prepare Cadets for leadership roles while making them aware of their rights, responsibilities, and privileges as American citizens. The program provides instruction and opportunities to benefit the student, community, and nation.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
09051G1001	Army Leadership Education and Training 1	None	9-12	1.0	\$40.00
09051G1002	Army JROTC 1b	None	9-12	1.0	\$40.00
09052G1001	Army Leadership Education and Training 2	Army Leadership Education and Training 1	10-12	1.0	\$40.00
09052G1002	Army JROTC 2b	Army Leadership Education and Training 1	10-12	1.0	\$40.00
09053G1001	Army Leadership Education and Training 3	Army Leadership Education and Training 2	11-12	1.0	\$40.00
09053G1002	Army JROTC 3b	Army Leadership Education and Training 2	11-12	1.0	\$40.00
09054G1001	Army Leadership Education and Training 4	Army Leadership Education and Training 3	11-12	1.0	\$40.00
09054G1002	Army JROTC 4b	Army Leadership Education and Training 3	11-12	1.0	\$40.00
09997G1001	Career Pathway Project - Government and Public Administration	Army Leadership Education and Training 4	11-12	1.0	\$40.00

Health Science

Medical Academy

The Health Science Program instructional content incorporates project- and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Knowledge and skills are reinforced and enhanced through participation in HOSA – Future Health Professionals and work-based learning opportunities.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
14002G1001	Foundations of Health Science	None	10-12	1.0	\$40.00
14099G1000	Therapeutic Services	Foundations of Health Science	10-12	1.0	\$40.00
14152G1001	Pharmacy Technician		10-12	1.0	\$40.00
14298G1000	Health Science Internship	Successful Completion of 2 Health Science Courses and Instructor Approval	11-12	1.0	\$40.00
14997G1000	Career Pathway Project in Health Science		11-12	1.0	\$40.00
14999G1000	CTE Lab in Health Science		11-12	1.0	\$40.00

Human Services

Food, Wellness & Dietetics

This program is for students who are interested in pursuing careers in nutrition, wellness, and health and disease prevention. Courses provide students with knowledge in event planning; photographic styling applications; social media and digital design techniques; developing and adapting food products for marketing and specific nutrition needs; meal planning; food safety; and the scientific investigation of production, processing, preparation, evaluation, and utilization of food.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
19251G1000	Family and Consumer Sciences	None	9-12	1.0	\$40.00
19252G1000	Food and Nutrition		9-12	1.0	\$40.00
19253G1001	Sports Nutrition		9-12	1.0	\$40.00
19147G1002	CTE Lab in Human Services	Successful Completion of 2 Human Services Courses	11-12	1.0	\$40.00
19297G1000	Career Pathway Project in Human Services		11-12	1.0	\$40.00

Science, Technology, Engineering & Mathematics

Engineering

Engineering is designed to offer students an overview of the engineering profession and fundamental skills utilized in general engineering. Students investigate various engineering disciplines and related career paths. They develop communication and teamwork skills as well as increase their understanding of basic scientific and mathematics principles used in problem solving through the engineering design process. Students will also explore the application of engineering principles in various technological areas including construction, transportation, communication, manufacturing, and bioengineering.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
21005G1000	Foundations of Engineering and Technology	None	9-12	1.0	\$40.00
21014G1000	Environmental Engineering		9-12	1.0	\$40.00
21009G1000	Robotic Systems		9-12	1.0	\$40.00
21002G1000	Applications of Engineering Technology	Foundations of Engineering; Algebra I	10-12	1.0	\$40.00
21015G1001	Computer Engineering and Technology	Foundations of Engineering Technology	10-12	1.0	\$40.00
21047G1000	Capstone of Engineering and Technology	Foundations of Eng; Applications of Eng. Tech; Geometry; Algebra I	11-12	1.0	\$40.00
21997G1000	CTE Lab in STEM	Successful Completion of 2 STEM Courses	11-12	1.0	\$40.00
21047G1001	Career Pathway Project in STEM		11-12	1.0	\$40.00

Work Based Learning

Cooperative Education / Internships

Work-Based Learning provides students with educational opportunities that typically cannot be replicated in the classroom. Work-based experiences are designed to connect information learned in the classroom with skills obtained in an occupational setting as an apprentice or intern. Work-based learning promotes improved skills, higher efficiency and the availability of a better-trained labor pool that encourages business growth and productivity

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
22998G1014	Cooperative Education	None	11-1 2	1. 0 - 8.0	\$0.00

Students may also enroll in Workforce Development Programs offered at the Madison County Career Technical Center.
(see that section of the academic guide for program and course offerings)



Workforce Development Programs Madison County Career Technical Center



Health Science

Health Science - Medical Academy

The Health Science Program instructional content incorporates project- and problem-based healthcare practices and procedures to demonstrate knowledge and skills fundamental to a variety of healthcare careers. Knowledge and skills are reinforced and enhanced through participation in HOSA – Future Health Professionals and work-based learning opportunities.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
14003G1001	Foundations of Health Science	None	10-12	1.0	\$10.00
14154G1000	Medical Terminology	None	10-12	1.0	\$10.00
14299G1001	Human Body Structures & Functions	Foundations of Health Science	10-12	1.0	\$10.00
14051G2000	Nurse Aide	Foundations of Health Science	11-12	1.0	\$10.00
14099G1000	Therapeutic Services	Foundations of Health Science	10-12	1.0	\$10.00
14051G1000	Patient Care Technician	Foundations of Health Science & Instructor Approval	12	1.0	\$10.00
14062G1004	Kinesiology and Biomechanics	Foundations of Health Science	10-12	1.0	\$10.00
14298G1000	Health Science Internship I	Foundations of Health Science & Instructor Approval	12	1.0	\$10.00
14298G2000	Health Science Internship II	Foundations of Health Science & Instructor Approval	12	2.0	\$10.00
14999G1000	CTE Lab in Health Science	Two Program Courses	10-12	1.0	\$10.00
14997G1000	Career Pathway Project in Health Science	Two Program Courses	10-12	1.0	\$10.00

Hospitality & Tourism

Food and Beverage Services Program

This program begins with the fundamentals and principles of the art of cooking, management and production skills, and techniques. Within this pathway, students can pursue a national sanitation certification, industry certification, articulation credit, and scholarships.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
TBD by ALSDE	Introduction to Hospitality and Tourism	None	10-12	1.0	\$10.00
TBD by ALSDE	Culinary Arts I	Introduction to Hospitality and Tourism	10-12	1.0	\$10.00
TBD by ALSDE	Culinary Arts II	Introduction to Hospitality and Tourism	10-12	1.0	\$10.00
TBD by ALSDE	Baking and Pastry Arts	Introduction to Hospitality and Tourism	10-12	1.0	\$10.00
16202G1001	Event Planning and Management	Introduction to Hospitality and Tourism	10-12	1.0	\$10.00

12159G1001	Hospitality Management and Marketing	Introduction to Hospitality and Tourism	10-12	1.0	\$10.00
TBD by ALSDE	Career Pathway Project in Hospitality and Tourism	Two Program Courses	10-12	1.0	\$10.00
TBD by ALSDE	CTE Lab in Hospitality and Tourism	Two Program Courses	10-12	1.0	\$10.00

Human Services

Dual College J.F. Drake State Community and Technical College Cosmetology

The Salon and Spa Management – Cosmetology associate degree program at Drake State combines classroom theory with hands-on practice in the laboratory. The program is designed to provide qualified individuals the opportunity to acquire the knowledge, aptitude, and skills to pursue a career in cosmetology.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
19149C1019	COS 111	Introduction to Cosmetology	10-12	3.0	
19149C1020	COS 112	Introduction to Cosmetology Lab	10-12	3.0	
19149C1021	COS 113	Theory of Chemical Services	10-12	3.0	
19149C1022	COS 114	Chemical Service Lab	10-12	3.0	
19149C1057	COS 121	Basic Spa and Basic Spa Technique Theory and Lab	11-12	3.0	
19149C1058	SAL 133	Salon Management Technology	11-12	3.0	
19149C1056	COS 120	Hair Color Theory and Lab Combined	11-12	3.0	
19149C1037	COS 143	Hair Specialty Lab	11-12	3.0	
19149I038	COS144	Hair Shaping	11-12	3.0	
19149C1028	COS 123	Salon Practice	12	3.0	
19149C1053	COS 167	State Board Review	12	3.0	

Information Technology

CyberSecurity and Infrastructure Program

This pathway provides students with the skills necessary for protecting information technology infrastructure and networks, devices, and data from unauthorized access or criminal use and the practice of ensuring confidentiality, integrity, and availability of information. Cybersecurity is an enormous and growing field as consumers and businesses share data through online shopping and social media applications

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
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10001G1000	Information Technology Fundamentals	None	10-12	1.0	\$10.00
10109G1001	Foundations of Operating Systems	Information Technology Fundamentals	10-12	1.0	\$10.00
10152G1001	Programming Foundations	Information Technology Fundamentals	10-12	1.0	\$10.00
10020G1011	Cyber Security I	Information Technology Fundamentals	10-12	1.0	\$10.00
10112G1001	Network Fundamentals	Cyber Security I	10-12	1.0	\$10.00
10020G1012	Cyber Security II	Cyber Security I	10-12	1.0	\$10.00
10102G1014	Cloud and Visualization	Cyber Security II	10-12	1.0	\$10.00
10020G1013	Cyber Security III	Cyber Security II	10-12	1.0	\$10.00
10109G1000	Linux Fundamentals	Cyber Security III	10-12	1.0	\$10.00
10997G1002	CTE Lab in Information Technology	Two Program Courses	10-12	1.0	\$10.00
10997G1001	Career Pathway Project in Information Technology	Two Program Courses	10-12	1.0	\$10.00

Law, Public Safety, Corrections & Security

Law Enforcement

This program is for students who are interested in pursuing careers in law enforcement and forensic science. Courses provide an overview of safety, patrol procedures, written reports, traffic control procedures, defensive tactics, physical wellness and job-related health issues, business security, and drug enforcement. The courses also focus on career opportunities, safety, history of forensic science, criminal investigation, forensic serology and DNA testing, forensic studies in anthropology, toxicology, fingerprinting, firearms, physics, and document examination.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
15001G1000	Introduction to Public Safety	None	11-12	1.0	\$10.00
15054G1001	Law Enforcement and Corrections	Introduction to Public Safety	11-12	1.0	\$10.00
15054G1000	Advanced Law Enforcement	Law Enforcement and Corrections	11-12	1.0	\$10.00
15051G1000	Introduction to Criminal Justice	Introduction to Public Safety	11-12	1.0	\$10.00
15055G1000	Forensics Science and Crime Scene Investigation	Introduction to Public Safety	11-12	1.0	\$10.00
15997G1002	CTE Lab in Law, Public Safety, Corrections & Security	two program classes	11-12	1.0	\$10.00
15997G1001	Career Pathway Project in Law, Public Safety, Corrections & Security	two program classes	11-12	1.0	\$10.00

Emergency and Fire Management Services

This program is for students who are interested in pursuing careers in emergency and fire management services. Courses provide students with information regarding career possibilities in firefighting, including instruction in application of firefighting techniques, emergency medical profession, and specialized public service jobs. Topics include forcible entry; tactical ventilation; fire control; loss control; fire origin and cause determination; firefighter survival; hazards, behavior, and identification of hazardous materials and weapons of mass destruction; and hazardous material operations, product control and personal protective equipment. Students who successfully complete Fire Science I and II and pass the certification tests will earn 160 of the 360 hours required to complete Alabama Fire College Firefighter I and II certifications.

15001G1000	Introduction to Public Safety	None	10-12	1.0	\$10.00
15152G1001	Firefighting I	Introduction to Public Safety	10-12	1.0	\$10.00

15152G1000	Firefighting II	Firefighting I	10-12	1.0	\$10.00
15151G1001	Fire Science I	Introduction to Public Safety	10-12	1.0	\$10.00
15151G1000	Fire Science II	Fire Science I	10-12	1.0	\$10.00
15997G1002	CTE Lab in Law, Public Safety, Corrections & Security	two program classes	10-12	1.0	\$10.00
15997G1001	Career Pathway Project in Law, Public Safety, Corrections & Security	two program classes	10-12	1.0	\$10.00

Science, Technology, Engineering, and Mathematics

CTE Engineering

The CTE STEM curriculum should emphasize the integration of academics. To achieve the solution to a given problem, students must possess an adequate foundation in communication skills for reading, writing, speaking, listening, viewing, and presenting; knowledge and skills in mathematics, science, and social studies; and knowledge of current and emerging technologies.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
21005G1000	Foundations of Engineering Technology	None	10-12	1.0	\$10.00
21009G1000	Robotic Systems	Foundations of Engineering Technology	10-12	1.0	\$10.00
21015G1000	Basic Programming for Engineers	Foundations of Engineering Technology	10-12	1.0	\$10.00
21002G1000	Applications of Engineering and Technology	Foundations of Engineering Technology	10-12	1.0	\$10.00
2115G10001	Computer Engineering and Technology	Foundations of Engineering Technology	10-12	1.0	\$10.00
21047G1000	Capstone of Engineering and Technology	Foundations of Engineering Technology	10-12	1.0	\$10.00
21047G1001	Career Pathway Project in STEM	Two Program Courses	10-12	1.0	\$10.00
21997G1000	CTE Lab in STEM	Two Program Courses	10-12	1.0	\$10.00

Transportation, Distribution & Logistics

Automotive Collision Repair

The Collision Repair Program is divided into two divisions, collision repair and refinishing. This program is designed to train students to successfully repair accidental damage and to refinish vehicles. Emphasis is placed on safety, plasma arc cutting and oxyacetylene cutting, resistance type spot welding, and metal inert gas (MIG) welding.

Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
20116G1035	Non-Structural Analysis and Repair	None	10-12	1.0	\$10.00
20116G1036	Non-Structural Welding, Cutting, & Joining	Non-Structural Analysis and Repair	10-12	1.0	\$10.00
20116G1013	Painting and Refinishing I	Non-Structural Welding, Cutting, & Joining	10-12	1.0	\$10.00
20116G1023	Painting and Refinishing II	Painting and Refinishing I	10-12	1.0	\$10.00

20117G1003	Structural Analysis & Damage Repair	Painting and Refinishing II	10-12	1.0	\$10.00
20105G1012	Mechanical & Electrical Components in Collision I	Painting and Refinishing II	10-12	1.0	\$10.00
20105G1022	Mechanical & Electrical Components in Collision II	Mechanical & Electrical Components I	10-12	1.0	\$10.00
20997G1003	Career Pathway Project in Transportation, Distribution, & Logistics	Two Program Classes	10-12	1.0	\$10.00
20997G1001	CTE Lab in Transportation, Distribution, & Logistics	Two Program Classes	10-12	1.0	\$10.00

Dual Enrollment Calhoun Community College

Automotive Technology

The Advanced Automotive Technology (AAT) program at CCC is a comprehensive four-semester program that prepares students for employment as automotive technicians. Students completing the program may earn an Associate in Applied Science degree upon program completion. As well as four Short term certificates. This program will teach you how to diagnose, repair and maintain the parts and systems of the modern automobile.

High School Course Number	Course Name	Prerequisites	Grade Level	Credits	Course Fee
20149C1016	ASE 112	Electrical Fundamentals	10-12	3.0	
20149C1019	ASE 124	Automotive Engines	10-12	3.0	
20149C1067	ASE 220	Advanced Automotive Engines	10-12	3.0	
20149C1017	ASE 121	Braking Systems	10-12	3.0	
20149C1018	ASE 122	Steering and Suspensions	10-12	3.0	
202149C1020	ASE 130	Drive Train and Axles	10-12	3.0	
20149C1021	ASE 162	Electrical and Electronic Systems	10-12	3.0	
TBD by ALSDE	ASE 212	Advanced Electrical and Electronic Systems	10-12	3.0	

Workforce Development Programs

Dual College Enrollment Calhoun Community College

Aerospace Technology

The Associate of Applied Science degree in Aerospace Technology offers a concentration in Structures and Assembly or Welding. It prepares graduates for employment in the aerospace and related industries through classroom and hands-on laboratory instruction in propulsion structures and assembly or specialized welding.

In the Structures and Assembly program, students learn mechanical and electrical assembly which includes composites manufacturing, various testing methods; coating methods, including application of paint and primers; and bonding methods used in the assembly processes. Training in these manufacturing processes enables students to work on flight hardware in rockets, missiles, planes, helicopters and other aerospace or military hardware.

High School Course Number	College Course Number	Course Name	Semester / Year Offered	Credit Hours	Course Fee
13999C1046	ADM 106	Quality Control Concepts	10-12	3.0	

13999C1058	ADM 111	Manufacturing Safety Practices	10-12	3.0	
TBD by ALSDE	ARS 176	Electrical/Electronic Assembly	10-12	3.0	
20999C1011	ARS 178	Aerospace Mechanical Assembly	10-12	3.0	
TBD by ALSDE	ARS 278	Composite Materials Fabrication and Assembly	10-12	3.0	
TBD by ALSDE	ARS 280	Surface Preparation and Coatings	10-12	3.0	
13249C0508	MTT 121	Blueprint Reading	10-12	3.0	
TBD by ALSDE	ARS 151	Welding Principles, Theory & Symbols	10-12	3.0	

Workforce Development Programs

Dual College Enrollment Calhoun Community College

Welding Technology

The Welding Technology program at Calhoun prepares students with hands-on application and welding theory as well as the nature of metals and types of gases used. The curriculum is designed to meet the minimum skill standards established by the American Welding Society (AWS) for entry-level welders. Specific training includes Flux-cored Arc Welding (FCAW); Gas Tungsten Arc Welding (GTAW); Gas Metal Arc Welding (GMAW); Shielded Metal Arc Welding (SMAW); and Plasma-arc cutting (PAC). Students also complete coursework in blueprint reading, welding inspecting, testing principles, and fabrication techniques.

High School Course Number	College Course Number	Course Name	Semester / Year Offered	Credit Hours	Course Fee
13999C1058	ADM111	Manufacturing Safety Practices	10-12	3.0	
13249C1030	WDT 109	SMAW Fillet PAC/CAC	10-12	3.0	
13249C1031	WDT 110	Industrial Blueprint Reading	10-12	3.0	
13249C1034	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	10-12	3.0	
13249C1038	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	10-12	3.0	
13249C1039	WDT 125	Shielded Metal Arc Welding Groove Lab	10-12	3.0	
13249C1050	WDT 228	Gas Tungsten Arc Welding	10-12	3.0	
13249C1052	WDT 268	Gas Tungsten Arc Welding Lab	10-12	3.0	

SAFETY IN CAREER/TECHNICAL EDUCATION CLASSES POLICY:

In order to ensure safety of students and personnel in Career/Technical education classes, all laws, regulations, and guidelines established by local, state, and federal agencies shall be followed.

Teachers in career/technical classes shall establish safe working conditions and shall promote the development of safety awareness and safe work habits by students. Safety procedures and safe work habits shall be taught and tested in all career/technical classes as specified in the Alabama Course of Study for each content area.

A safety plan shall be posted in each career/technical classroom and shall include methods for encouraging safe procedures in the following areas:

- Continuous supervision of students in the classroom, laboratory, and/or shop environment.
- Ensuring that protection devices are worn by students when appropriate.
- Safe storage of toxic, flammable, or hazardous materials.
- Safe use of electrical devices and avoiding electrical hazards.
- Safety demonstrations, safety instruction, and testing for safety knowledge.
- Periodic inspection of materials, equipment, and tools to ensure safe use.

Live Work in Career Technical Education Classes

A. Definition

"Live Work" is done by students as part of their training program. Such work includes service, repair, or production by students.

B. Relationship to Training

Live Work will be conducted when, in the opinion of the instructor, the training program requires such projects for students to acquire occupational skills leading to employment. Live Work will be assigned to individual students by the instructor(s) as part of the student's training program and will conform to the standards established by the Alabama State Board of Education. Live Work will be scheduled for individuals or groups of students to coincide as nearly as possible with the instructional unit with which the Live Work is associated. Live Work shall be accepted in terms of its usefulness and need in the training program rather than for production and/or accommodation.

C. Administration

Administration and control of Live Work shall reside with the Madison County Technical Center Administrator or designee. All Live Work must be approved by the administrator or designee and conducted in accordance with these and other policies issued by the Madison County Board of Education, as the need arises. The Career Technical administrator shall be responsible for the determination and collection of all charges and maintenance of appropriate records.

D. Eligible Live Work Recipients

Live Work will be performed on specific projects for specific individuals and organizations. The scope and extent of each project will be well defined and documented before acceptance.

Live Work projects can be conducted on priority basis for:

1. Students;
2. Those persons directly connected with education;
3. Other tax support programs, institutions, and charitable organizations;
4. Other individuals and organizations, if;
 - a. Such Live Work is not designed for competition with private enterprises,
 - b. The circumstances involved are unusual and justify the acceptance of the Live Work project, and
 - c. The instructor can justify why the Live Work is necessary for the training program.

E. Release of School Liability

The person, program institution, or organization for which Live Work is done shall:

1. Assume all responsibility for the results of the work being done by students.
2. Bear all actual costs of materials and parts involved.
3. Pay a service charge according to the schedule as prescribed by the section on service charges and established by the Career Technical administrator to cover indirect expenses.

F. Service Charges for Live Work

The total charges for Live Work will be as follows:

1. Actual cost of parts and/or materials, plus 20% charge.
2. For projects that do not involve cost of parts and/or materials, a service charge is to be collected at the discretion of the Career Technical Administrator. (Students & faculty may be excluded from a service charge.)

G. Method of Managing Live Work

Instructors who collect money for services provided by students or products grown or manufactured at the school will receipt money as specified by each local school bookkeeper according to school accounting practices. Instructors of classes that design, build or repair items will complete a work order for each project. All vehicles worked on must have a completed industry-type work order attached to or on the vehicle. Upon completion of the project, a completed work order with all work performed and parts used will be submitted to the bookkeeper with payment for services.

H. Live Work Accounts

Monies will be collected for Live Work projects in the main office, receipted, and spent in the areas performing the work. When the accounts have accumulated money in excess of \$5,000.00, the Career Technical manager, with the approval of the Superintendent of Madison County Schools, may transfer these excess monies to the local school's General Fund account to purchase needed equipment for other instructional areas.

APPENDIX

- Local School Fee Schedule
- Alabama College and Career Ready Assessment System Timeline for Implementation (Grades 9-12)
- Credit Recovery Program Guidelines
- Credit Recovery Student Registration form
- Credit Advancement Request Form
- Dual Enrollment Student Registration form
- Final Exam Exemption Protocol
- Work-Based Learning Rules and Regulations
- Work-Based Learning Training Agreement

Madison County High Schools and the Career Technical Center FEE SCHEDULE

No fees can be charged for courses required for graduation. Students that qualify for the free/reduced lunch program may apply to have fees waived. Waiver forms are available in each high school office. Fee due dates are determined by the local school. (Contact your local school or the Career Technical Center for the exact due dates).

Visual Arts Courses	\$25.00 per course
Instrumental/Band Courses	\$50.00 per course
Computer Science Courses	\$40.00 per course
Vocal Courses	\$25.00 per course
Theatre Courses	\$25.00 per course
Drivers Education	\$60.00 per course
Physical Education Courses (beginning with a student's 2 nd PE course)	\$10.00 per course
Mass Media	\$40.00 per course
Ceramics	\$30.00 per course

OTHER COSTS (*These costs are subject to change)

*AP Courses (set by the College Board): \$98 (for Exam)

*Dual Enrollment Courses (set by the cooperating college): TBD by College

Alabama College and Career Ready Assessments (Grades 9-12)	
School Year	Grades 10-12 College-and-Career-Ready Assessments
2024-2025	Pre-ACT (Grade 10) The ACT Plus Writing (Grade 11) ACT WorkKeys (Grade 12)

MADISON COUNTY SCHOOLS

Credit Recovery Program Guidelines

In accordance with the Alabama State Department of Education guidelines, Madison County Schools will offer students who have received failing grades in many core courses that are required for graduation an opportunity to recover the lost credit through a standards-based approach that will target specific knowledge and skill deficits instead of requiring the student to repeat the entire course. Students must meet eligibility requirements to apply, and the credit recovery program must be operated under the guidelines established by this document.

Student Eligibility, Admission, and Removal

Credit recovery study is based on deficiencies rather than a repeat of the entire course. Students are required to have earned a minimum baseline average of 40 or above (on a 100-point scale), or its equivalent on a locally adopted grading scale in order to participate in Credit Recovery. Students not meeting this minimum requirement must repeat the entire course.

Students must complete an application to request placement in a credit recovery program. 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.

Attendance is required. Students, who violate the Madison County Schools Board of Education policy for absences, will be dismissed from the program. (Tardies and checkouts will count as missed time.)

Madison County Schools Code of Conduct will be in effect during the credit recovery program. Students may be removed from a credit recovery program without credit 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.

Students who do not qualify for credit recovery or cannot complete a credit recovery program under these guidelines will be required to repeat the failed course covering all applicable standards.

Credit Recovery Program Authorization and Operation

The credit recovery program will be supervised by an administrator, will include teachers certified in secondary education, and will be open to all eligible students in Madison County Schools. Since the Credit Recovery Program may operate during the regular school year and during regular school hours, participating students may not be concurrently enrolled in a course, which is earning its own credit while attempting to recover credit in other courses.

The Credit Recovery Program offerings may be limited by the availability of space, teachers, or appropriate computer-based content for specific courses. There is no guarantee that all core courses required for graduation will be served through a credit recovery program.

Instructional Content and Curriculum

Instruction will be delivered through computer-based instructional software and may include targeted instruction supervised and managed by a teacher certified in secondary education. The Credit Recovery teacher will receive training pertaining to effective course organization and the operational management of the applicable computer-based instructional

software.

An administrator must sign the registration form verifying that the student needs to recover credit for specific courses.

An individual student plan will be developed by the credit recovery teacher based on skill-specific diagnostic tools, which are offered by the computer-based instructional software. The student must complete the identified modules for the designated course and pass each module with a minimum of sixty percent (60%).

Students will use computer-based instructional software for remediation of Alabama State Course of Study objectives for previously failed core courses. Students will receive instruction on the use of programs and be monitored and provided assistance by approved certified personnel.

The student must complete his/her individual remediation plan within the published operating dates and hours of the credit recovery program. Students may attempt to recover multiple credits, but one credit must be completed before attempting the next.

Students will be released from the credit recovery program upon successful completion of individual remediation plans regardless of the number of hours of instruction.

Grades and Credits

Students who complete the remediation plan by demonstrating minimal proficiency in all required standards will receive a grade based on the conversion chart below:

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

The grade is notated with a CR on official transcripts. The original failing grade will not be calculated in the student's grade point average, but will remain on the student's transcript.

The National Collegiate Athletic Association (NCAA) does not recognize Credit Recovery for course credit.

For students who fail to complete the remediation plan by demonstrating minimal proficiency in all required standards, there will be no grade change and no recovered credit for the failed course.

The students' progression throughout the duration of the class will be monitored by the administrator supervising the credit recovery program.



Madison County School System

Credit Recovery
STUDENT REGISTRATION FORM

(Please Print)

Student Name: _____ Grade Level: _____

First Middle Last

Name of course student will be recovering: _____

Step #1: Read information provided about the credit recovery program's eligibility/guidelines/procedures (attached).

Step #2: Both the student and parent must read and sign below.

I have read and met all requirements for the MCS Credit Recovery Program. I have received information about rules/regulations/expectations/procedures for the credit recovery program, and I agree to abide by all guidelines of the program.

Student's Signature: _____

I understand that if my child does not follow all rules/regulations/expectations/procedures of the credit recovery program, he/she may be dismissed from the program and will lose the opportunity to regain the lost credit through the MCS Credit Recovery Program.

Parent Signature: _____

Step #3: Return this completed and signed form to the counseling office.

For Counselor/Administration Use Only PLEASE DO NOT WRITE BELOW

Did the student have a 40 average or higher in the course being recovered?
Yes _____ No _____

Did the student receive a copy of the Credit Recovery Program guidelines?
Yes _____ No _____

Signature of Counselor: _____



Madison County School System

Credit Advancement
STUDENT REGISTRATION FORM

I, _____, would like to request the opportunity to obtain credit for
(Student name)

_____ through Credit Advancement.
(Name of course)

I have obtained the recommendation of my former teachers of the subject listed above, and my high school counselor has documented my above-average ability through a review of my performance on state and national assessments of achievement. I realize that I must obtain a score of 90 or above on the comprehensive exam for the course requested to be eligible for Credit Advancement. After receiving my score on the comprehensive exam, I have the option of accepting the grade or pursuing the course through traditional means. Should I accept the exam score, it will be used in the calculation of my Grade Point Average.

Student Signature

Date

Parent Guardian Signature

Date

Counselor Signature

Date Attached Documentation

Teacher Signature

Date Attached Documentation

Principal Signature

Date Attached Documentation

Superintendent/Designee Signature

Date

Dual Enrollment STUDENT REGISTRATION FORM

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

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

Student Name: _____ High School _____

Student Grade Level: _____ Student GPA: _____ Student ACT: _____

College/University: _____

Approved DE Course (College Course Name & Prefix)	High School Course Replaced (Name & State Number)	HS Credit (0.5 OR 1.0)	Semester (Fall/Spring & Year)

RELEASE OF RECORDS

I authorize _____ (List name of Community College/University) to release my academic record each term to my high school. This release is counter signed by my parent or legal guardian if I am less than 18 years of age. This release shall remain in effect until I provide written notice to discontinue the release. I understand that I am subject to the Federal Education Rights and Privacy Act of 1974 (FERPA).

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

Authorized Signature

I hereby agree that the above student has an overall B average and has met all other enrollment criteria for Dual Enrollment and is granted permission to enroll in the courses listed above at the following Dual Enrollment provider:

(List name of Community College/University)

Counselor’s Signature: _____ Date: _____

Principal's Signature (Or Designee) _____ Date: _____

Superintendent Signature (or Designee) _____ Date: _____

Final Exam Exemption Protocol

A student will earn the option of exempting a comprehensive final examination if the following minimum criteria for attendance and academic achievement is met:

Course Average	Course absences (No more than)
90.0	3
80.0	2
70.0	1
60.0	0

- A student who earns exemption status has the option to take the comprehensive final examination to raise the final grade average for the course.

Absences (excused and unexcused):

- Absences due to an out-of-school suspension **will** count against course attendance
- Absences due to approved school activities **will not** count against course attendance.
- Medical Provision: A student with a chronic health condition (physical or mental) may still be eligible for exemption status providing **all** the following criteria are met:
 - The medical provision must be requested by the parent; **and**
 - All absences above the allowed number of days require a physician's note, the physician's note must state the reason for the absence and the direct correlation to the student's chronic health condition (physical or mental); **and**
 - The physician's note must be reviewed by the local school principal and nurse or a health services designee for approval.
 - **Medical provisions are not guaranteed and are assessed on a case by case basis.**



MADISON COUNTY SCHOOL SYSTEM Work-Based Learning SCHOOL REGULATIONS/POLICIES

1. Student acknowledges that the primary purpose of Work-Based Learning is educational and, therefore, agrees to abide by the Cooperative Education program policies and decisions of the Cooperative Education Teacher-Coordinator, including those regarding specific job placements and assignments made without regard to specific pay rate, schedule, or similar variables.
2. Student acknowledges that the Madison County Career Technical Center, through the Cooperative Education Teacher-Coordinator, is acting as an intermediary between the training mentor and student and that the Cooperative Education Teacher-Coordinator has a legitimate right to know and a significant role in determining the outcome of any placement issues including, termination, scheduling, assignments, and all other aspects of student placement.
3. Cooperative Education students who fail to perform satisfactorily in all subject areas during any grading period and who fail to improve during the next grading period should be asked to resign from his/her placement.
4. A student losing his/her Cooperative Education placement due to any action deemed unacceptable by the school and Cooperative Education Teacher-Coordinator will be dropped from the program with possible loss of all credit. Students will be removed immediately from Cooperative Education, without credit, for being under the influence, stealing, or causing a physical altercation or harassment at the student's training site.
5. A student whose Cooperative Education placement is terminated for any reason is to report to the Cooperative Education Teacher-Coordinator. Failure to do so may result in the student being dropped from the program.
6. In case of absence, the student is required to call the Cooperative Education Teacher-Coordinator and his/her training mentor before class or working period/schedule. A student is not permitted to go to work on the day absent from school.
7. Personal business handled at the job placement is prohibited.
8. Friends or family are not to visit the student at the job placement.
9. A student is to be on time at school as well as the job placement.
10. Parents should understand the student's responsibility to the training job placement and not interfere with the performance of his/her duties. If a concern develops, the parent should contact the Cooperative Education Teacher-Coordinator with such concern.
11. Business rules for dress and personal hygiene will be observed.
12. Since training is the primary objective, a student is expected to remain with the job placement to which he/she is assigned. Students may resign or change placements only with the express written permission of the Cooperative Education Teacher-Coordinator and following business practices for resignation. Failing to do so will adversely affect the student's grade.
13. If applicable, when co-op students honor their training mentors with a banquet, reception, etc., all students are expected to attend with their training mentors as their guests.
14. Students are placed to train and are under the supervision of the Cooperative Education Teacher-Coordinator, related study instructor, and training mentor where they are placed.
15. Students must abide by all school rules and regulations for other students and consider themselves under the jurisdiction of the school while at the job placement.
16. Transportation to and from the job placement is the responsibility of the student/parent/guardian. Transportation problems do not justify absence from the job placement.
17. Students will leave the campus immediately following the last scheduled class. If for any reason a student needs to remain on campus, permission must be obtained from the Cooperative Education Teacher-Coordinator and School Administrator.

Madison County Schools does not discriminate in admission, treatment, or access to programs or activities on the basis of race, color, national origin, religious preference, disability, age, gender, sexual orientation, citizenship, non-English speaking ability, or homeless status. Students with disabilities will be provided with the same needed support and services for extracurricular programs and activities that are provided during the school day, unless doing so would fundamentally alter the nature of the program and activity. To report incidents of discrimination contact Dr. Rachel Ballard at: rballard@mcssk12.org/256.852.2557 Ext. 61407.



MADISON COUNTY SCHOOL SYSTEM

Work-Based Learning (WBL) TRAINING AGREEMENT

Student's Name: _____ Birth Date: _____ Age: _____
Current Career Objective/Pathway: _____ Date Training Period Begins: _____ Ends: _____
Work-Based Learning (WBL) Site: _____ Job Title: _____
Place of Employment

This training agreement briefly outlines the responsibilities of the student, parents, employer and the cooperative education teacher coordinator. The second part of this document is entitled "Training Plan" and consists of tasks and competencies for the specific student's career objective/pathway.

Parent/Guardian

1. Approves and agrees that the student may participate in WBL.
2. Encourages the student to effectively carry out the work-experience requirements and all components of the program.
3. Assumes responsibility for the conduct and attendance of the student.
4. Responsible for transportation arrangements for the student to and from the WBL and will be responsible for any liability involved
5. Holds the school, school system, the cooperative education teacher-coordinator and WBL business/agency/sites harmless for risks associated with the WBL experience, including transportation and indirectly monitored activities (e.g., work-based experience).

Student

6. Complies with the rules and regulations of the WBL site.
7. Adheres to all policies and regulations as set forth by the school system administration, cooperative education teacher-coordinator, and WBL site.
8. Shall take any required physical examinations or TB tests if required by the program and/or the WBL.
9. Works an average of not less than 10-15 hours each week (paid or unpaid); to achieve a minimum of 140 hours per course/credit.
10. Shall not perform duties in which he/she has not received instruction/training.
11. Any student failing to comply with school or training station policies, rules and regulations is subject to dismissal from the WBL program with a loss of credit.
12. Shall be responsible for transportation to and from the WBL site and work the entire semester for which enrolled in WBL.
13. Attends (mandatory) meetings, submits work hours, pay stubs and all documents required on required dates, as directed by the WBL teacher/coordinator.

WBL-Co-Op Coordinator

14. Assists in facilitating WBL experience.
15. Works with the supervisor in developing a training plan for the student.
16. Have communication, contact, or visit the WBL site at least once per month to confer with the employer and the student; verify that the student's duties correlate with job description; observe working conditions; help develop progressive skill-building activities; observe and evaluate student progress; and resolve questions, issues or concerns.
17. Counsels the student about the WBL experience, behavior, attitude, academics, etc.
18. Reinforces WBL experience with related classroom instruction as deemed necessary and appropriate.
19. Terminates employment/participation when it serves the best interest of the students as determined in collaboration with the employer and school system administration.
20. Determines the student's final grade for the WBL experience and provides regular progress reports.

21. Recognizes that the student is enrolled in a WBL experience designed to prepare for a career in his/her chosen career pathway.
22. Provides supervision, training and instruction in each of the applicable tasks listed on the Training Plan to assist the student in acquiring those competencies necessary for success in the career objective; and provides required safety testing and training prior to commencing work.
23. Evaluates and documents student progress. (OVER)

- 24. Employs a non-discrimination policy with regard to race, color, handicap, sex, religion, national origin, creed, or age.
- 25. Adheres to wage and hour, child labor, and all other federal, state, and local laws pertaining to student employment; including, but not limited to, a current business license and a current child labor certificate, as required by law.
- 26. Employs the student for an average of not less than 10-15 hours per week, per course/credit provided the student's performance is in accordance with expectations, and economic factors permit such employment.
- 27. Completes the WBL student evaluation and returns it to the cooperative education teacher-coordinator by the required date.

Madison County Schools does not discriminate in admission, treatment, or access to programs or activities on the basis of race, color, national origin, religious preference, disability, age, gender, sexual orientation, citizenship, non-English speaking ability, or homeless status. Students with disabilities will be provided with the same needed support and services for extracurricular programs and activities that are provided during the school day, unless doing so would fundamentally alter the nature of the program and activity. To report incidents of discrimination contact Dr. Rachel Ballard at: rballard@mcssk12.org/256.852.2557 Ext. 61407.

STUDENT

PARENT/GUARDIAN

Student Signature

Parent/Guardian (print)

Signature

Student Home Address, City, Zip Code

Parent/Guardian Home Address, City, Zip Code

Student Cell Phone

Parent/Guardian Cell Phone

Work Phone

Student's School Email

Parent/Guardian Email

Name of High School

COORDINATOR

WORKSITE SUPERVISOR

Name

Signature

Supervisor's Name

Supervisor's Signature

School Address, City and Zip Code

Name of Business

Coordinator's Cell Phone

Fax

Business Address, City, State, Zip Code

Coordinator's Email

Business Telephone

Fax

SCHOOL SYSTEM ADMINISTRATOR

Supervisor's Email

Signature