



Muscle Shoals High School

Course Description Guide

2023-2024

Muscle Shoals High School

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Muscle Shoals High School

"Providing opportunities for all students to obtain wisdom and achieve their greatest potential!"

Dear Parents and Students,

On behalf of the faculty, staff, and administration, we would like to welcome you to a new school year at Muscle Shoals High School. Our school offers a varied and challenging curriculum together with a variety of school programs in which you can participate. Your success at Muscle Shoals High School depends on your active involvement in your learning, in both the courses you take and the activities in which you participate. All of us, your teachers, counselors, administrators, and staff are dedicated to helping you get the most out of your experiences here at MSHS.

This course catalog will answer many of the questions you may have about the academics and course offerings here at Muscle Shoals High School. We are looking forward to helping you have an outstanding school year!

Sincerely,

Dr. Kevin Davis,
Principal Muscle Shoals
High School

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Non-Discrimination Policy:

The Muscle Shoals City Board of Education does not discriminate on the basis of race, color, national origin, sex, disability religion or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

Our Vision

We, the faculty of Muscle Shoals High School, envision the active participation of each student in the teaching-learning process. As we embark on a new voyage into the twenty-first century, we see the following in the futures of the children who are part of us:

- Each child will be challenged and equipped to build (grow) a better community, state, nation, and world.
- Through the efforts of our faculty and staff together with the cooperation of our parents and students, each individual in the school setting will be challenged both to positively change his or her life and to positively influence the lives of those around him or her.
- Each student will come to appreciate the things that are in nature, technology, and the arts. He or she will view the harmony of them all as having a profound and positive influence upon each of us and our posterity.
- We envision each student as an active, lifelong learner who is never pleased with the status quo. Instead, he or she is always striving toward improvement, realizing that excellence is not a goal to be attained, but it is a pathway to follow.
- As each student completes his or her program of studies, we envision each one having a diversity of opportunities and choices. Thus, the direction that has been given in our school provides a solid framework upon which each student can continue to build and thrive throughout his or her adult life.

Our mission statement of the Muscle Shoals City School district is

" To provide innovative opportunities for all students to obtain wisdom, to build character, and to achieve their greatest potential." Muscle Shoals High School seeks to accomplish the district mission by...

...fostering a positive, family-oriented, collaborative learning environment.

...teaching the values of honesty, ethics, and hard work as keys to success.

...promoting critical thinking, innovation, and real-world application.

...striving toward high, rigorous expectations for enhanced performance.

...a commitment to college and career readiness for every child.

We embrace the state motto of "Every Child a Graduate, Every Child Prepared"



Muscle Shoals High School Graduation Course Requirements

English Language Arts	<i>Four (4) credits to include</i>	Credits
	English 9	1
	English 10	1
	English 11	1
	English 12	1
	<i>Equivalent/substitute options may include Honors/Advanced Placement/Essentials/SDE approved courses</i>	
English Language Arts Total Credits		4
Mathematics <small>*New Course of Study for class of 2025 and beyond</small>	<i>Four (4) credits to include</i>	Credits
	Geometry with Data Analysis	1
	Algebra I with Probability	1
	Algebra II with Statistics	1
	Additional courses chosen from the MSHS mathematics curriculum to complete four credits	1
	<i>Additional course options may include Advanced Placement/Dual Enrollment/Essentials/SDE approved courses</i>	
Mathematics Total Credits		4
Science	<i>Four (4) credits to include</i>	Credits
	Biology	1
	A physical science (Physical Science, Chemistry, Physics)	1
	Additional courses chosen from the MSHS science curriculum to complete four credits	2
	<i>Equivalent/substitute options may include Advanced Placement/Dual Enrollment/Essentials/SDE approved courses</i>	
Science Total Credits		4
Social Science	<i>Four (4) credits to include</i>	Credits
	World History since 1500	1
	Early United States History I	1
	Modern United States History II	1
	United States Government/Economics	1
	<i>Equivalent/substitute options may include Advanced Placement/Dual Enrollment/Essentials/SDE approved courses</i>	
Social Science Total Credits		4
Other	<i>12-14 credits to include:</i>	Credits
	Beginning Kinesiology	1
	Health Education/Driver Education	1
	Career Preparedness (may be taken at MSMS)	1
	Fine Arts Education	1
	Electives	8 (10)
Total Graduation Credit Requirements (Advanced or Honors Diploma)		28 (30)

SUBJECT	HONORS	ADVANCED	STATE
English 4 Credits	<input type="checkbox"/> English 9 <input type="checkbox"/> English 10 <input type="checkbox"/> English 11 <input type="checkbox"/> English 12	<input type="checkbox"/> English 9 <input type="checkbox"/> English 10 <input type="checkbox"/> English 11 <input type="checkbox"/> English 12	<input type="checkbox"/> English 9 <input type="checkbox"/> English 10 <input type="checkbox"/> English 11 <input type="checkbox"/> English 12
Social Science 4 Credits	<input type="checkbox"/> World History <input type="checkbox"/> US History-Early <input type="checkbox"/> US History-Modern <input type="checkbox"/> Govt & Econ	<input type="checkbox"/> World History <input type="checkbox"/> US History-Early <input type="checkbox"/> US History-Modern <input type="checkbox"/> Govt & Econ	<input type="checkbox"/> World History <input type="checkbox"/> US History-Early <input type="checkbox"/> US History-Modern <input type="checkbox"/> Govt & Econ
Math 4 Credits	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Complete sequence through Pre-Calculus	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Complete sequence through Alg II with Statistics	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ Complete sequence through Alg II with Statistics
Science 4 Credits	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ To include Chemistry + 1 other honors Science (AP Bio, AP Chem, Physics, or Anatomy)	<input type="checkbox"/> Biology (9th) <input type="checkbox"/> Physical Science (10th) <input type="checkbox"/> _____ <input type="checkbox"/> _____ 2 additional Science courses (excluding Earth Science and Aqua Science)	<input type="checkbox"/> Biology (9th) <input type="checkbox"/> Physical Science (10th) <input type="checkbox"/> _____ <input type="checkbox"/> _____ 2 additional Science courses
Computer 2 Credits ¹	<input type="checkbox"/> Career Preparedness <input type="checkbox"/> _____	<input type="checkbox"/> Career Preparedness <input type="checkbox"/> _____	<input type="checkbox"/> Career Preparedness <input type="checkbox"/> _____
Fine Arts 1 Credit ²	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
Foreign Language 2 Credits same language	<input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____	Not Required
Health	<input type="checkbox"/> Health/Driver's Ed	<input type="checkbox"/> Health/Driver's Ed	<input type="checkbox"/> Health/Driver's Ed
Physical Education	<input type="checkbox"/> PE or Marching Band	<input type="checkbox"/> PE or Marching Band	<input type="checkbox"/> PE or Marching Band
Electives 7 Credits	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
TOTAL	30	30	28

SUBJECT	HONORS	ADVANCED	STATE
AP Requirements 4 Credits for Honors Diploma³	<input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____	Not Required	Not Required
Career Technical Education	Career and Technical Endorsements are available for all diploma types.	Career and Technical Endorsements are available for all diploma types.	Career and Technical Endorsements are available for all diploma types.

¹ Computer crediting classes include, but may not be limited to, Career Preparedness, Advanced BTA, Introduction to Engineering Design, Principles of Engineering, Computer Integrated Manufacturing, Information Technology (IT) Fundamentals, Intro Drafting, Intermediate Drafting, 3D Solid Design, Multimedia Design, Multimedia Publications, Software Development, AP Computer Science Principles, and Yearbook/School Publication.

² Choose from the following for the required Fine Arts credit: Art, Band, Chorus, Introduction to Guitar, Music Appreciation, Speech or Creative Writing

³ AP courses offered include the following: AP English Language, AP English Literature, AP US History, AP Government, AP Calculus, AP Computer Science Principles (math credit), AP Biology, AP Chemistry. To earn AP credit, students MUST take the AP exam which includes an exam fee. See the course offerings grid for more information.

Graduation Credits/Grade Classification Worksheet Tally the total number of credits awarded each year to track your progress toward graduation. *See Grade Classification chart below.				
School Year	Fall Credits	Spring Credits	Total	Grade Classification
<i>EXAMPLE: 9th (2022-23)</i>	4	3	7	<i>Sophomore (23-24)</i>
9th Grade				
10th Grade				
11th Grade				
12th Grade				
TOTAL				Congratulations GRADUATE!

Points of Academic Interest

The curriculum consists of core courses that are required in order to move forward to advanced academic studies or additional electives. Elective courses offered in each department allow students to enroll in courses that are interesting to them. A good background can be achieved for all students, whether they plan to enroll in a two- or four-year college or enter the military or workforce following graduation.

Grade Classification

A student progresses toward graduation by earning Carnegie units in the core and elective subjects. For student, parent, and administrative convenience, grade level designations of 9th, 10th, 11th, and 12th are used for homeroom placement and to indicate progress towards completion of graduation requirements.

Promotion to 10th Grade	Students must have accumulated 6 credits.
Promotion to 11th Grade	Students must have accumulated 13 credits.
Promotion to 12th Grade	Students must have accumulated 20 credits, including three credits in each English, Social Science, Math, and Science.
Graduation	Students must accumulate a total of 28 credits for a State Diploma and 30 credits for an Advanced or Honors Diploma.

Grade Point Average

Grade Point Average (GPA) is simply the average of a student's semester (or end-of-term) grades starting with freshman year. The GPA is determined by awarding points for each final average letter grade. Total points are then divided by the number of class credits attempted by the student.

Grade		GPA pts Earned	Level of Content Mastery
90-100	A	4 points	Masters content on an advanced level. Work exceeds expectations.
80-89	B	3 points	Masters content on a proficient level.
70-79	C	2 points	Masters content on a basic level. Work meets minimum standards for objectives.
60-69	D	1 point	Passing, but fails to meet minimum standards for objectives.
Below 60	F	0 points	Failing, does not meet the minimum standards.

*Students in Advanced Placement (AP) classes will have the opportunity for extra points and a weighted GPA. In select classes, students may earn a maximum of five extra points on the final grade by meeting established class standards. The maximum numerical grade to be earned in any class is 100. In the same select classes, an additional point will be added on the 4.00 scale to determine GPA.

Advanced Placement (AP) Courses

Advanced Placement courses are accelerated in rigor and pace. Advanced Placement (AP) allows students to complete college-level studies while in high school.

The value of AP:

- More than 90% of four-year institutions in the United States grant advanced placement credit 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.
- The cost of an 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 years 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, and Mathematics) majors in college.
- AP students perform better in their intermediate-level STEM coursework than students with the same ACT score who had taken the college's own introductory course.
- Even without earning a qualifying score, students find value in the AP experience due to the rigor of the course and the preparation for post-secondary coursework.

"One of the best standard predictors of academic success at Harvard is performance on Advanced Placement examinations."

-William Fitzsimmons, Dean of Admissions and Financial Aid, Harvard University

Students participating in Advanced Placement course are required to take the National AP Exam as part of the courses' curricula. This testing fee 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 college(s) of choice, as college credit may be earned by scoring a 3, 4, or 5 on the exam. All students who register for an AP class should complete the required contract and return to administration by the established deadline. ***Careful attention should be given when selecting an AP course or courses, as students will not be allowed to drop an AP course as outlined in the AP contract.***

Advanced Placement (AP) Course Offerings			
AP English Language (11)	AP US History (10, 11)	AP Calculus AB (12)	AP Biology (11, 12)
AP English Literature (12)	AP Government (12)	AP Computer Science Principles (10, 11, 12)	AP Chemistry (11, 12)

College and Career Readiness Indicators

The goal of the state is to prepare all students to be successful in college and/or career upon graduation from high school. When students earn a college and/or career readiness indicator, they have completed a level of mastery that demonstrates their readiness for college or career upon exiting high school. There are six possible indicators a student may earn:

Benchmark on the ACT reading or math	ACT Work Keys benchmark (silver, gold, or platinum)	Approved college credit while in high school
AP test qualifying score(3, 4, or 5)	Approved industry credential (career technical course)	Military enlistment

Frequently Asked Questions

- **What is the difference between pre-registration and enrollment?** Pre-registration is the selection of courses for the upcoming academic school year. This typically takes place during the spring semester. Enrollment is a process completed each summer in which a student enrolls for the upcoming school year. Typical enrollment paperwork includes parent/guardian information, birth certificate, proof of residency, student handbook, etc.
- **What is a cohort?** A cohort is established when a student enters the 9th grade with the anticipation the student will graduate in 4 years. For example, a freshman in the 2017-2018 school year would be a member of cohort 2021.
- **What is a prerequisite?** A course of study that must be mastered in order to move forward in a sequence of courses.
- **What does it mean when it says 'Teacher/Coach Approval'?** Teacher approval is required where there is an application, audition, or try-out.
- **What is a transcript?** A transcript is a document itemizing a student's academic achievement throughout their high school career. It typically includes courses, grades, and credits.
- **What is a schedule change versus a schedule correction?** To provide the greatest probability for students to receive requested courses, a registration window was provided and a deadline was given to make course request changes. From there the master schedule was constructed and even teachers were hired to best ensure that what was requested would be received. Knowing that not every course request can be honored due to conflicts in the student's schedule, the above procedure does provide the greatest potential for requests to be honored. **Therefore, after the deadline only schedule corrections will be made and only when approved by the administration under the following criteria: duplication of courses, courses are out of sequence, or Sports PE/Band needs to be entered due to audition or tryout results.**
- **What is Credit Recovery?** Juniors or seniors who did not receive credit in a course because they did not master course content or skills may apply for credit recovery. Credit recovery is based on making up deficiencies rather than repeating the entire course. To be eligible for credit recovery, students must have achieved a baseline score of 55 or above. The final grade in credit recovery may not exceed 60 and will be noted as CR on the transcript. Students with a baseline score below 55 are not eligible for credit recovery and must repeat the entire course. Credit recovery may be delivered by a highly qualified teacher or through instructional technology under the supervision of Muscle Shoals High School staff.
- **I am a transfer student with transfer grades.** Students who transfer to Muscle Shoals City Schools must complete all state-mandated minimum graduation requirements and any additional local graduation requirements. For mid-year or mid-semester transfer students from non-block scheduled high schools, credits earned or coursework completed shall be correlated to the block-scheduled courses. Letter grades transferred from previous schools will be placed on Muscle Shoals City Schools' Grade Point Average (GPA) scale using the following guide:
 - Give weight to incoming Advanced Placement (or International Baccalaureate), and Dual Enrollment courses based upon the MSCS weighted grading scale.
 - Give weight only to Honors/Pre AP courses that are recognized as such by Muscle Shoals City Schools since the Honors level is not nationally standardized.
 - Give MSCS weight to Advanced Placement (or International Baccalaureate) courses even if the previous school did not weight AP since AP is a nationally standardized curriculum.
- **What is ACCESS?** Muscle Shoals High School participates in the ACCESS (Alabama Connecting Classrooms Educators and Students Statewide) Distance Learning, a program sponsored by the Alabama Department of Education to connect teachers and students via technology. Students may be eligible to take courses not offered at Muscle Shoals High School. ACCESS courses are available at school during the school day, under the supervision of a trained facilitator. All requests for ACCESS courses must be made through your counselor. School administrators determine whether or not it is appropriate to register students for an ACCESS course.

Core Academic Course Descriptions

A “core course” is defined as a recognized academic course (as opposed to a career technical or elective course) that offers fundamental instruction in a specific area of study.

English — Core courses in English include instructional elements in grammar, vocabulary development, composition, literature, analytical reading, or oral communication.

Math — Core courses in mathematics include instructional elements in algebra, geometry, trigonometry, statistics, or calculus.

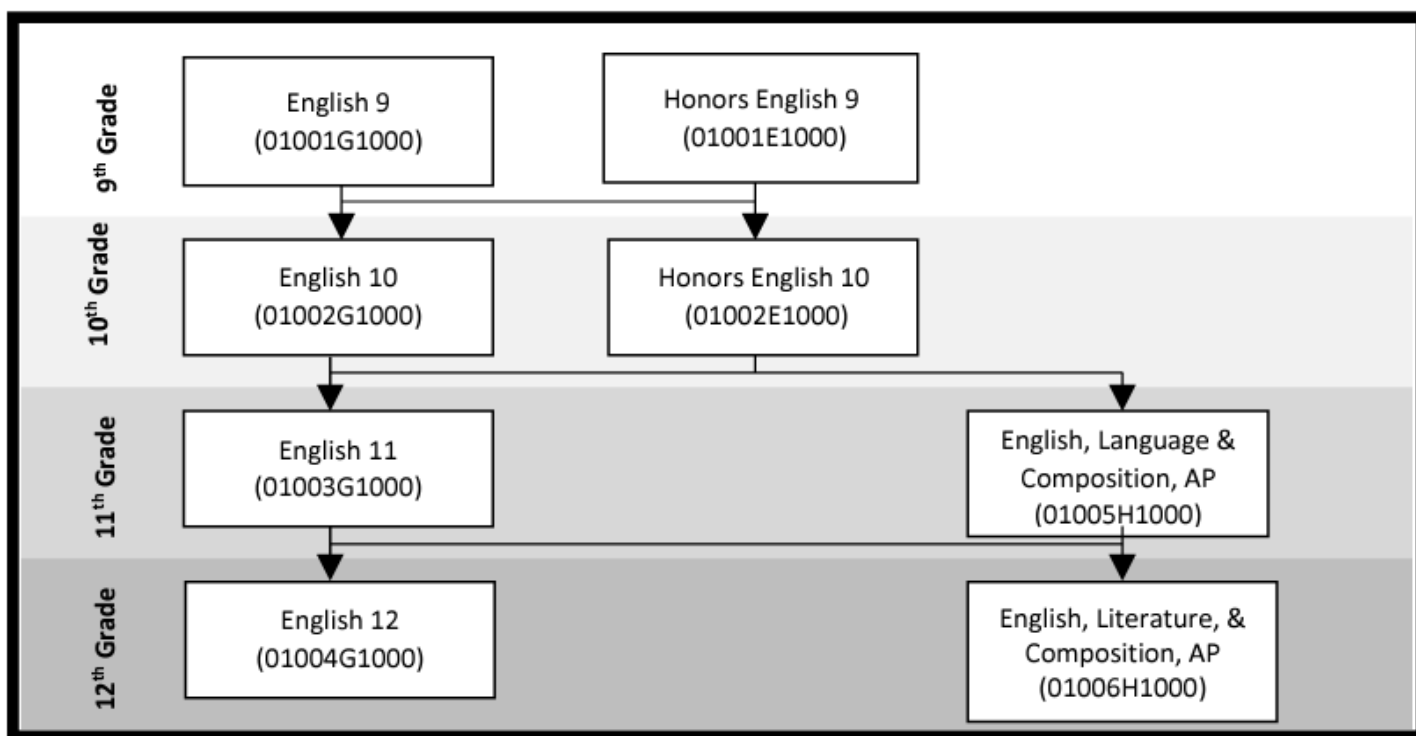
Social Science — Core courses in social science contain instructional elements in history, social science, economics, geography, psychology, sociology, government, political science, or anthropology.

Science — Core courses in natural or physical science include instructional elements in biology, chemistry, physics, environmental science, physical science, or earth science.

English Language Arts

Graduation requirements: Four credits to include the courses or the substitutes/equivalents of English 9, English 10, English 11, and English 12

COURSE PROGRESSION



NOTE: At each grade level, the English program includes advanced, regular, and elective courses to meet the needs of all students. It is assumed that students who begin the advanced-level English program in the ninth grade will continue the course sequence, which culminates in Advanced Placement English; however, students may enter or exit the AP/Honors program at any grade.

COURSE INDEX

Course Name	Course #	Credit
English 9	01001G1000	1
Honors English 9	01001E1000	1
English 10	01002G1000	1
Honors English 10	01002E1000	1
English 11	01003G1000	1
Advanced Placement English Language and Composition	01005H1000	1
English 12	01004G1000	1
Advanced Placement English Literature and Composition	01006H1000	1

COURSE DESCRIPTIONS

English 9		
Grade: 9	Credit: 1.0	Prerequisite(s): None
<p>This course will focus on the development of skills related to critical, digital, language, and research literacy. Students will analyze complex literary and informational texts written from various cultural perspectives, with an emphasis on works originating outside the United States and the British Isles through 1599. Students will utilize technology responsibly, participate in collaborative discussions, engage in inquiry through the research process, produce writing which demonstrates command of the conventions of English grammar, and present information with an appropriate level of formality for the audience and occasion. This course fulfills the requirements needed for post-secondary education including college preparation.</p>		

Honors English 9		
Grade: 9	Credit: 1.0	Prerequisite(s): None
<p>This accelerated paced course will help prepare students for Advanced Placement English Language or Advanced Placement English Literature. Honors English Nine provides students with a focus on critical, digital, language, and research literacy. Students will be asked to analyze complex literary and informational texts written from various cultural perspectives. Students will utilize technology responsibly, engage in collaborative discussion and produce writing that demonstrates a command of grammatical conventions as well as an appropriate level of formality based on both audience and occasion. This course fulfills the requirements needed for post-secondary education including college preparation. *This course has required summer reading and assignments.</p>		

English 10		
Grade: 10	Credit: 1.0	Prerequisite(s): English 9
<p>This course covers complex literary and informational texts written from various cultural perspectives, with an emphasis on works originating outside the United States and the British Isles from 1600 to the present. Students will learn and practice active listening, learn to participate in collaborative academic discussions, read a variety of informational and literary texts, learn and practice</p>		

essential digital skills, utilize a process to create and modify written work, present information that is appropriate to the occasion and the audience, implement conventions of language and usage, and utilize context to decipher word meanings. This course fulfills the requirements needed for post-secondary education including college preparation.

Honors English 10

Grade: 10

Credit: 1.0

Prerequisite(s): English 9 or Honors English 9

This accelerated paced course continues the rigorous curriculum of Honors English Nine, helping prepare students for Advanced Placement English Language or Advanced Placement English Literature. Honors English Ten provides students with an intense focus on critical, digital, language, and research literacy. Students will be asked to analyze increasingly complex literary and informational texts written from various cultural perspectives. Students will utilize technology responsibly, engage in academic, collaborative discussion and produce writing that demonstrates a command of grammatical conventions as well as an appropriate level of formality based on both audience and occasion. This course fulfills the requirements needed for post-secondary education including college preparation. ***This course has required summer reading and assignments.**

English 11

Grade: 11

Credit: 1.0

Prerequisite(s): English 10 or Honors English 10

This course will teach students to read, analyze, and evaluate complex literary and informational texts written from various points of view and cultural perspectives, with an emphasis on works of American literature. Students will incorporate technology responsibly, with an emphasis on digital literacy and composing multimodal texts. This course will require participation in collaborative discussions involving multiple cultural and literary perspectives, as well as oral presentations that are tailored to be appropriate to the occasion and audience. This course fulfills the requirements needed for post-secondary education, including college preparation.

AP English Language and Composition

Grade: 11

Credit: 1.0

Prerequisite(s): English 10 or Honors English 10

Fee: AP Exam fee

GPA Advanced Placement weight applied

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. ***This course fulfills the English 11 core requirement. Participation in the national AP test is a mandatory component in the rigor of this course, as well as the required summer work/reading.***

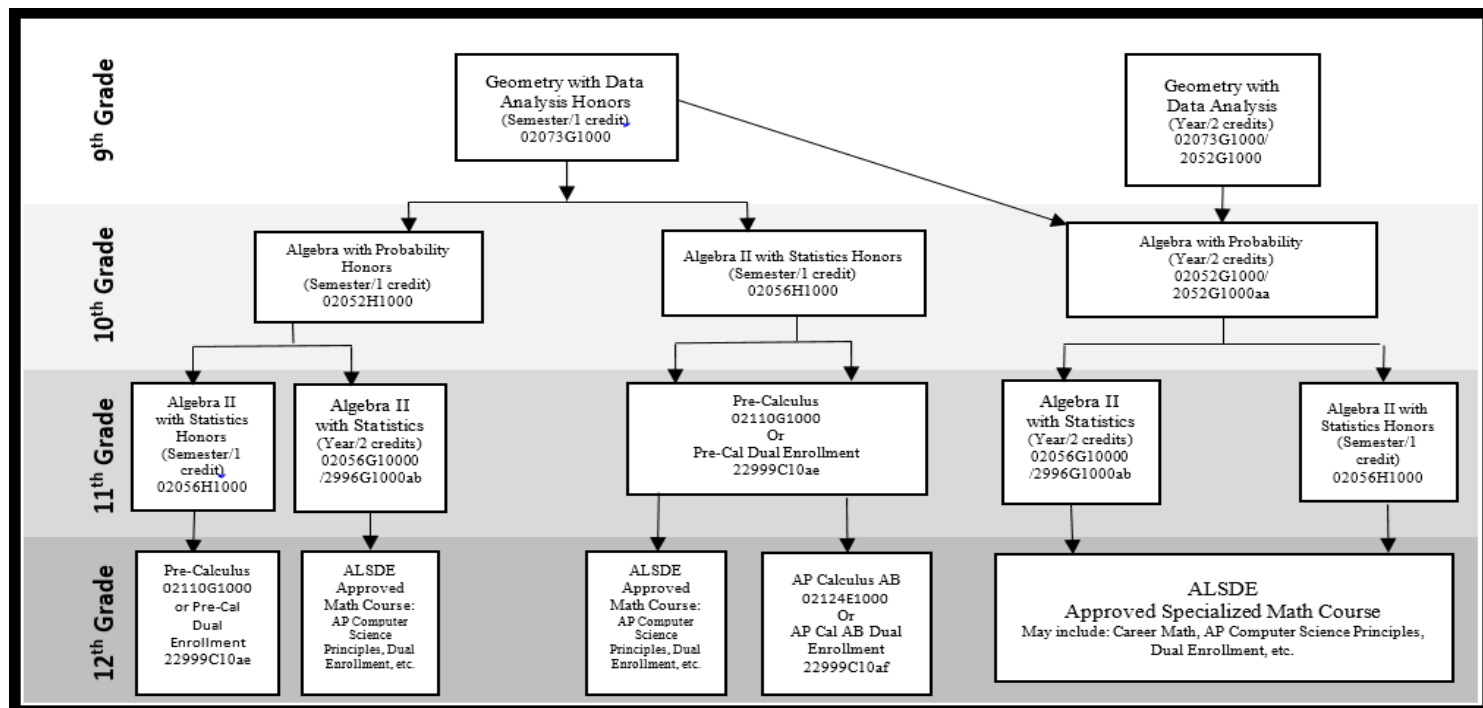
English 12		
Grade: 12	Credit: 1.0	Prerequisite(s): English 11 or AP English Language and Composition
<p>English 12 focuses on the study of British literature incorporating critical literacy by processing and employing information for a variety of academic, and personal purposes; digital literacy, using the Internet to conduct research, publish, and produce a variety of shared writing products; research literacy, engaging in inquiry through the research process; writing, to compose a variety of short and extended products working through the editing and revision processes while also employing listening and speaking skills in collaborative and diverse group situations. Additionally, students will recognize and demonstrate command of the conventions of standard grammar, mechanics, and usage, including appropriate formality of language.</p>		

AP English Literature and Composition			
Grade: 12	Credit: 1.0	Prerequisite(s): English 11 or AP English Language and Composition	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied</p> <p>This course is accelerated in rigor and pace similar to that of a college level course. While engaging students in critical reading, writing, and thinking, AP Literature includes an intensive study of works from various genres and periods, with an emphasis on works of literary merit. Students will gain skills in literary analysis as well as advanced composition. This course fulfills the requirements needed for postsecondary education including college preparation. This course fulfills the English 12 core requirement. <i>This course fulfills the English 12 core requirement. Participation in national AP test is a mandatory component in the rigor of this course, as well as the required summer work/reading.</i></p>			

Mathematics

Graduation requirements: **Four credits to include the course or the equivalent of Geometry with Data Analysis, Algebra with Probability, Algebra II with Statistics, and one additional course.** *****NEW COURSE OF STUDY AND COURSE PROGRESSION EFFECTIVE 2021-2022 for the Class of 2025 and beyond. *****

COURSE PROGRESSION



COURSE INDEX

Course Name	Course #	Credit
Geometry with Data Analysis (Year) *Formerly Geometry A and B	02073G1000 02996G1000	2 *1 Elective & 1 Math
Geometry with Data Analysis Honors (Semester)	02073H1000	1
Algebra I with Probability (Year) *Formerly Algebra 1A and 1B	02052G1000 02996G1000aa	2 *1 Elective & 1 Math
Algebra I with Probability Honors (Semester)	02052H1000	1
Algebra II with Statistics (Year)	02056G1000 02996G1000ab	2 *1 Elective & 1 Math
Algebra II with Statistics Advanced (Semester)	02056H1000	1
Pre-Calculus	02110G1000	1
Pre-Calculus Dual-Enrollment (HS credit + MA112 or MA 113)	22999C10ae	1
Advanced Placement Calculus AB	02124E1000	1
AP Calculus AB Dual-Enrollment (HS credit + MA125)	22999C10af	1

*Courses no longer offered per new Math Course of Study: Algebra IA/IB, Geometry A/B, Algebraic Connections, and Algebra with Finance.

**Per the new Math Course of Study, the class of 2025 and beyond must successfully complete a math credit each year.

COURSE DESCRIPTIONS

Geometry with Data Analysis (Year)		
Grade: 9, 10, 11	Credit: 2.0 *1 Elective Credit & 1 Math Credit	Prerequisite(s): None (Class of 2025) Algebra I (Prior to Class of 2025)
<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.</p>		

Geometry with Data Analysis Honors (Semester)		
Grade: 9, 10	Credit: 1.0	Prerequisite(s): None (Class of 2025) Algebra I (Prior to Class of 2025)
<p>Honors Geometry with Data Analysis is the first of three required courses in high school mathematics. In Honors Geometry with Data Analysis, students incorporate knowledge and skills in Geometry and Measurement, Algebra and Functions, and Data Analysis, Statistics, and Probability, leading to a deeper understanding of fundamental relationships within the discipline and building a solid foundation for further study. The prerequisite for Honors Geometry with Data Analysis is either Grade 8 Mathematics or Grade 8 Accelerated Mathematics.</p>		

Algebra I with Probability (Year)		
Grade: 9, 10	Credit: 2.0 *1 Elective Credit & 1 Math Credit	Prerequisite(s): Geometry with Data Analysis (Class of 2025 and beyond)
<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.</p>		

Algebra I with Probability Honors (Semester)		
Grade: 9, 10	Credit: 1.0	Prerequisite(s): Geometry with Data Analysis (Class of 2025 and beyond)
<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.</p>		

Algebra II with Statistics (Year)		
Grade(s): 10, 11, 12	Credit: 2.0 *1 Elective Credit & 1 Math Credit	Prerequisite(s): Geometry (A/B) or Geometry with Data Analysis
<p>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 all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit.</p>		

Algebra II with Statistics Honors (Semester)		
Grade(s): 10, 11, 12	Credit: 1.0	Prerequisite(s): Geometry (A/B) or Geometry with Data Analysis
<p>Honors Algebra II with Statistics builds on the students' experiences in previous mathematics in Geometry with Data Analysis and Algebra I with Probability. It is the third of three required courses, and it is to be taken following the successful completion of Geometry with Data Analysis and either Algebra I with Probability or the combination of the Grade 7 Accelerated Mathematics and Grade 8 Accelerated Mathematics course sequence. It is the culmination of the three years of required mathematics content and sets the stage for continued study of topics specific to the student's interests and plans beyond high school. Algebra II with Statistics courses are the prerequisite for Pre-Calculus and all other approved ALSDE mathematics classes designed for completion of students' fourth mathematics credit.</p>		

Pre-Calculus		
Grade(s): 11, 12	Credit: 1.0	Prerequisite(s): Algebra II with Trigonometry (Statistics Advanced)
<p>GPA Honors weight applied.</p> <p>Pre-Calculus is a course designed for students who have successfully completed Algebra II with Trigonometry. 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. This course is required for the Honors diploma.</p>		

Pre-Calculus Dual Enrollment		
Grade(s): 11, 12	Credit: 1.0	Prerequisite(s): Algebra II with Trigonometry (Statistics Advanced)
<p>GPA Honors weight applied.</p> <p>This course includes the study of trigonometric (circular functions) and inverse trigonometric functions, and includes extensive work with trigonometric identities and trigonometric equations. The course also covers vectors, complex numbers, DeMoivre's Theorem, and polar coordinates. Additional topics may include conic sections, sequences, and using matrices to solve linear systems. PREREQUISITE: A minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score is required.</p> <p>*ACT Math score required for dual enrollment credit.</p>		

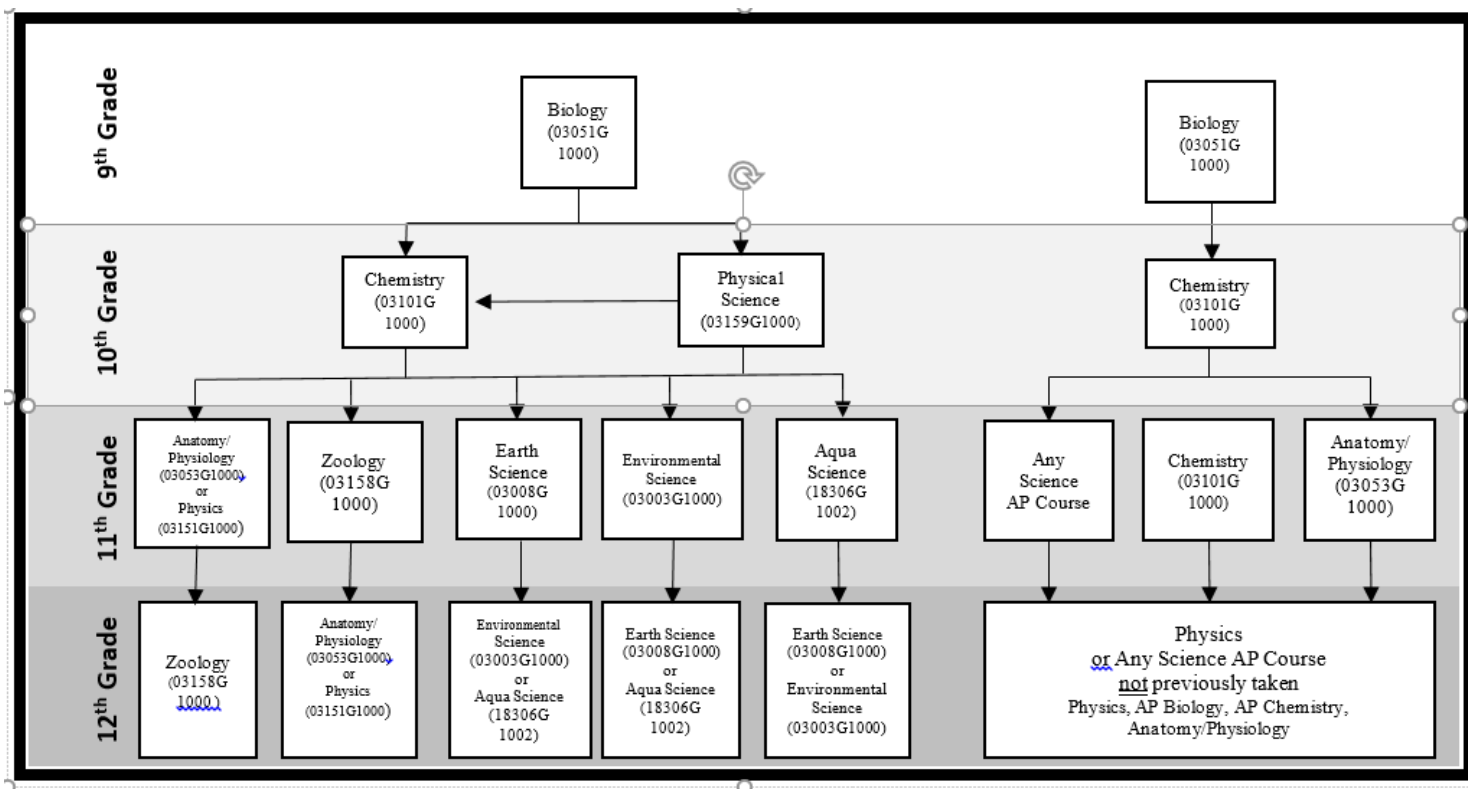
Advanced Placement Calculus AB			
Grade(s): 11, 12	Credit: 1.0	Prerequisite(s): Pre-Calculus	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied</p> <p>This Advanced Placement course is accelerated in rigor and pace. The primary focus of the course is preparing students for the AP Calculus AB exam. Topics covered include limits, derivative, applications of derivatives, transcendental functions, techniques of integration, and applications of integration. College credit at most universities may be earned for Calculus I by scoring a 3, 4, or 5 on the AP Calculus AB Exam. Participation in the national AP test is a mandatory component in the rigor of this course.</p>			

Advanced Placement Calculus AB Dual Enrollment			
Grade(s): 11, 12	Credit: 1.0	Prerequisite(s): Pre-Calculus	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied</p> <p>This Advanced Placement course is accelerated in rigor and pace. The primary focus of the course is preparing students for the AP Calculus AB exam. Topics covered include limits, derivative, applications of derivatives, transcendental functions, techniques of integration, and applications of integration. College credit at most universities may be earned for Calculus I by scoring a 3, 4, or 5 on the AP Calculus AB Exam. Participation in the national AP test is a mandatory component in the rigor of this course.</p> <p>*ACT Math score required for dual enrollment credit.</p>			

Science

Graduation requirements: Four credits to include the course or the equivalent of Biology, a physical science, and two additional courses in either life (*) or physical science (**).

COURSE PROGRESSION



COURSE INDEX

Course Name	Course #	Credit
Biology *	03051G1000	1
Advanced Placement Biology*	03056E1000	1
Advanced Placement Biology Dual Enrollment (HS Credit + BIO 103/104)		1
Human Anatomy and Physiology*	03053G1000	1
Environmental Science*	03003G1000	1
Aqua Science* (2023-2024)	18306G1002	1
Zoology *	03158G1000	1
Physical Science**	03159G1000	1
Chemistry**	03101G1000	1
Advanced Placement Chemistry**	03103E1000	1
Physics**	03151G1000	1
Earth Science** (2022-2023)	03008G1000	1

*life science

**physical science

COURSE DESCRIPTIONS

Biology*		
Grade: 9	Credit: 1.0	Prerequisite(s): None
<p>Biology is a required, inquiry-based, course focused on providing all high school students with foundational life science content about the patterns, processes, and interactions among living organisms. The emphasis is on increased sophistication and rigor of a limited number of core ideas rather than on memorizing a breadth of factual content. Students use prior and new knowledge to build conceptual understandings based on evidence from their own and others' investigations. The standards provide a depth of conceptual understanding to adequately prepare them for college, career, and citizenship with an appropriate level of scientific literacy. NOTE: Students with an 85 average or higher in Biology, and have completed Geometry in the 9th grade year, are encouraged to consider placement into Chemistry rather than Physical Science in 10th grade.</p>		

Advanced Placement Biology *			
Grade: 11,12	Credit: 1.0	Prerequisite(s): Biology and Chemistry	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied.</p> <p>AP Biology is an elective designed to be equivalent to a two-semester college introductory biology course. The curriculum established by the College Board Advanced Placement (AP) Program for biology, emphasizes making connections between the big ideas within the AP Biology Curriculum Framework in preparation for the AP biology exam. AP biology instruction is inquiry-based and challenges students to shift their focus from traditional factual recall to one that emphasizes exploration of content. This practice will allow students to develop reasoning skills, allowing them to design a plan for data collection, data analysis, mathematical application, and conceptual understanding of content across domains.</p> <p>Participation in national AP test is a mandatory component in the rigor of this course.</p>			

Advanced Placement Biology Dual Enrollment*			
Grade: 11,12	Credit: 1.0	Prerequisite(s): Biology and Chemistry	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied.</p> <p>AP Biology is an elective designed to be equivalent to a two-semester college introductory biology course. The curriculum established by the College Board Advanced Placement (AP) Program for biology, emphasizes making connections between the big ideas within the AP Biology Curriculum Framework in preparation for the AP biology exam. AP biology instruction is inquiry-based and challenges students to shift their focus from traditional factual recall to one that emphasizes exploration of content. This practice will allow students to develop reasoning skills, allowing them to design a plan for data collection, data analysis, mathematical application, and conceptual understanding of content across domains.</p> <p>Participation in national AP test is a mandatory component in the rigor of this course.</p>			

Physical Science**		
Grade: 10, 11, 12	Credit: 1.0	Prerequisite(s): Biology
<p>Physical Science is a conceptual, inquiry-based course that provides students with an investigation of the basic concepts of chemistry and physics. Course content includes topics related to basic atomic structure, chemical reactions, motion, forces, simple circuits, and energy and wave relationships. Students use mathematical tools and equations to solve simple problems and to use representations to convey design solutions to a problem and determine which is most appropriate. Physical science or chemistry fulfills the physical science requirement. NOTE: Students with an 85 average or higher in Biology and have completed Geometry in the 9th grade year are encouraged to consider placement into Chemistry rather than Physical Science in 10th grade.</p>		

Chemistry****Grade: 10,11,12****Credit: 1.0****Prerequisite(s): 10th: Biology-85 average and Geometry (I or A/B)
11th or 12th: Biology, Physical Science and Geometry (I or A/B)****Fee: \$25**

Chemistry is an elective course that provides students with an investigation of empirical concepts central to biology, earth science, environmental science, and physiology. The course provides high school students with more in-depth investigations on the properties and interactions of matter, including topics related to its structure, composition, reactivity, and energy changes. A strong emphasis is placed on lab work as a part of the course. Students acquire prerequisite skills for postsecondary studies and careers in science, technology, engineering, and mathematics (STEM) fields. The course covers advanced chemical principles and mathematical problems that will fully prepare a student for further chemistry study at the AP Chemistry or college chemistry level. Chemistry requires that students come to the course with the ability to perform algebraic operations and independently solve word problems. Chemistry fulfills the physical science requirement.

Advanced Placement Chemistry****Grade: 11,12****Credit: 1.0****Prerequisite(s): Chemistry and Algebra II with Trigonometry
(Statistics Advanced)****Fee: \$25 and
AP Exam fee****GPA Advanced Placement weight applied.**

AP Chemistry is an elective course designed to address content contained in the first year college general chemistry course. The curriculum established by the College Board Advanced Placement (AP) Program for chemistry includes: atomic theory and structure; chemical bonding; nuclear chemistry; gases; liquids and solids; solutions; reaction types; stoichiometry; equilibrium; kinetics; thermodynamics. The primary course goals will be student understanding of chemistry fundamentals, competence in solving chemical problems, and preparation for the AP Chemistry exam. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. The course will emphasize chemical calculations, mathematical formulation of principles, and extensive laboratory work.

Participation in national AP test is a mandatory component in the rigor of this course.

Physics****Grade: 11, 12****Credit: 1.0****Prerequisite(s): Chemistry and Algebra II with Trigonometry
(Statistics)****Fee: \$25****GPA Honors weight applied.**

Physics is an elective course focused on providing high school students with foundational content regarding properties of physical matter, physical quantities, and their interactions. Course content includes the exploration of motion, forces, energy, waves and their applications. Students learn by investigation and analysis data obtained through selected experiments. The course provides the required science background preparation for students who plan to pursue postsecondary studies and careers in science, technology, engineering, and mathematics (STEM) fields. Students take part in active learning involving authentic investigations and engineering design processes primarily through the InSPIRESS program in partnership with the University of Alabama in Huntsville. Through these projects students learn to communicate claims, evidence, and reasoning, and to engage in argument from evidence to justify and defend claims.

Human Anatomy and Physiology*			
Grade: 10, 11,12	Credit: 1.0	Prerequisite(s): Biology and Chemistry	Fee: \$25
<p>GPA Honors weight applied.</p> <p>Human Anatomy and Physiology is an elective course focusing on the structure and function of the human body systems from the cellular level to the organism level. It is designed and recommended for students interested in learning how the human body works and for those interested in medical or health-related careers. The course includes integration of technology and lab-based activities such as dissections and simulated medical testing.</p>			

Zoology*			
Grade: 11, 12	Credit: 1.0	Prerequisite(s): Biology and Physical Science or Chemistry	Fee: \$25
<p>Zoology is an elective course, which builds on the biology core, by introducing students to a broad view on animal taxa, basic body plans, symmetry, and behavior. Laboratory investigations, including dissection, provide students with exposure to the anatomy of different animal species. Students integrate and evaluate multiple sources of information to address issues, compare structures, and defend classifications of organisms in the animal kingdom.</p>			

Environmental Science**			
Grade: 11, 12	Credit: 1.0	Prerequisite(s): Biology and Physical Science of Chemistry	Fee: \$25

Environmental science is an elective course which builds on students' knowledge of biological and physical science concepts, with a focus on humans' influence and impact on the environment. Course content includes investigations and lab work on how the human population impacts biodiversity, ecosystems, agriculture, water quality and water systems, air quality, pollution, energy resources, and climate change. Students will use research, models and presentations to demonstrate the concept of sustainability and improved human influence on the environment.

Earth Science ** (Offered 2022-2023)

Grade: 10,11, 12	Credit: 1.0	Prerequisite(s): Biology and Physical Science	Fee: \$25
Earth Science is an elective course encompassing a comprehensive application of all science disciplines. Course content focuses on concepts of the universe and its Stars, Earth, and the solar system. Extensive study of the Earth includes the history of the planet, Earth's materials and systems, plate tectonics, large-scale system interactions, the roles of water in Earth's surface processes, weather and climate, and bio ecology. Coursework and lab work will include the integration of engineering, technology and application of science core ideas. Note: This course will not be offered again until the 2022-2023 school year.			

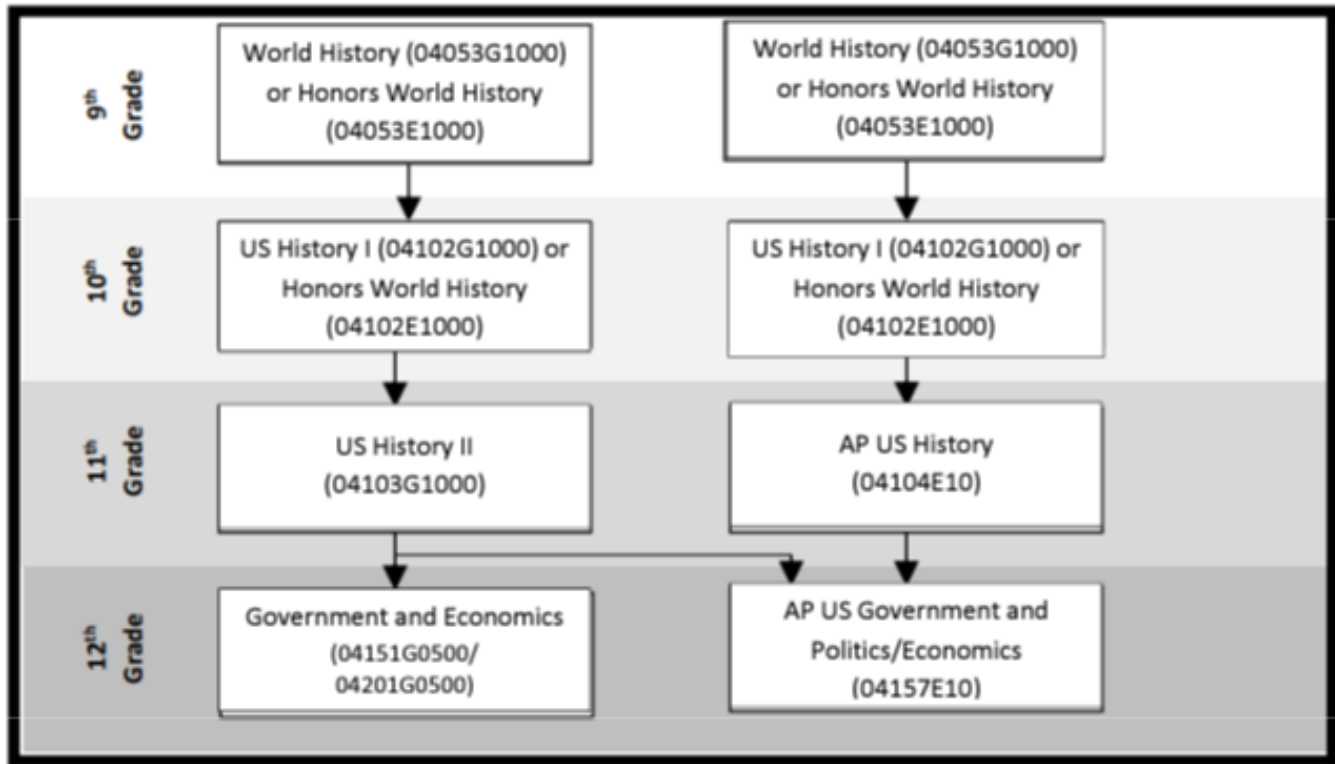
Aqua Science* (Offered 2023-2024)

Grade: 11, 12	Credit: 1.0	Prerequisite(s): Biology and Physical Science	Fee: \$25
Aqua Science is an elective course designed to encourage critical thinking, use of the scientific method, integration of technology, and application of knowledge and skills related to practical biological questions/problems. Course content includes differentiating between aquatic environments, relating geological and hydrologic events to aquatic systems, water content and quality, influence of selective breeding on aquatic environments, adaptations of aquatic organisms, effects of the fishing industry on aquatic ecosystems, aquacrops, laws governing aquatic systems, and fish farming. Biological principles are heavily emphasized throughout the course.			

Social Science

Graduation requirements: Four credits of social science courses and curriculum.

COURSE PROGRESSION



COURSE INDEX

Course Name	Course #	Credit
World History	04053G1000	1
Honors World History	04053E1000	1
United States History I-Early	04102G1000	1
Honors United States History I-Early	04102E1000	1
United States History II- Modern	04103G1000	1
Advanced Placement United States History	04104E10	1
Advanced Placement US History Dual Enrollment (HS credit + HIS 201/202)		1
United States Government / and Economics	04151G0500/ 04201G0500	1
Advanced Placement Government and Economics	04157E10	1

COURSE DESCRIPTIONS

World History		
Grade: 9	Credit: 1.0	Prerequisite(s): None
Chronological history of the world: the emergence of a global age; the Age of Revolutions; the Age of Isms; era of global war; the world from 1500 to present		

Honors World History		
Grade: 9	Credit: 1.0	Prerequisite(s): None
This accelerated paced course, which is currently offered as a year-long flip course, will help prepare students for Advanced Placement courses and includes advanced work in the chronological history of the world: the emergence of a global age, the Age of Revolutions, the Age of Isms, era of global war, the world from 1500 to the present.		

United States History I-Early		
Grade: 10	Credit: 1.0	Prerequisite(s): World History
Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events.		

Honors United States History I-Early		
Grade: 10	Credit: 1.0	Prerequisite(s): World History
This accelerated paced course, which is currently offered as a year-long flip course, will help prepare students for Advanced Placement courses and includes advanced work in the chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events.		

United States History II-Modern		
Grade: 11	Credit: 1.0	Prerequisite(s): World History and United States History I
Chronological survey of major events and issues: colonization; American Revolution; development of political system and distinct culture; slavery; reform movements; sectionalism; Civil War; Reconstruction; Alabama's history and geographic changes that have influenced aspects of life during and after events.		

Advanced Placement United States History			
Grade: 11, 12	Credit: 1.0	Prerequisite(s): World History and United States History I	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied.</p> <p>AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Participation in national AP test is a mandatory component in the rigor of this course.</p>			

Advanced Placement United States History Dual-Enrollment			
Grade: 11, 12	Credit: 1.0	Prerequisite(s): World History and United States History I	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied.</p> <p>AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Participation in national AP test is a mandatory component in the rigor of this course.</p>			

United States Government and Economics		
Grade: 12	Credit: 1.0	Prerequisite(s): United States History II
<p>Instruction focuses on the nature of individual civic virtue and responsibility in addition to origins, functions, and branches of U. S. government; representative democracy; federalism; political/civic life; analysis of Constitution, Bill of Rights, and other relevant documents; foreign policy. Students become knowledgeable of the structure and operation of government at all levels in the nation. Economics emphasis is placed upon the historical background and current application of economic concepts, methodology and terminology, and upon problem solving as a way of demonstrating understanding. The American economy is emphasized, with study of comparative systems included. The intent of this course is to provide students with the tools to understand and make informed decisions as participants within our economy.</p>		

Advanced Placement Government			
Grade: 12	Credit: 1.0	Prerequisite(s): United States History II or AP United States History	Fee: AP Exam fee
<p>GPA Advanced Placement weight applied.</p> <p>This course is designed to give students a critical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. Participation in national AP test is a mandatory component in the rigor of this course.</p>			

Early College Course Opportunities

Certain students may dually enroll in postsecondary institutions to earn college credit. The programs are open to all students who meet the following local requirements:

1. Successful completion of the 10th grade;
2. 85 average and satisfactory attendance in completed high school courses; and
3. Written approval and complete paperwork from the high school for the college class.

If scheduling conflicts occur, the high school schedule will take priority. Classes taken as a part of Early College must be scheduled with the guidance office. These classes will not be noted on the high school transcript and will not be included in the student's GPA or class ranking. Students will be responsible for all costs and fees incurred through the Early College program. If a student needs to withdraw from the college class at any time, the student must notify the guidance office. The student will be reassigned to an elective class at the high school.

These classes will begin the student's college transcript. When applying for college admission, the official transcript from the college must be sent to any other college to which the student is applying for admission.

COURSE INDEX

Course Name	Course #
UNA-Fall Semester	22999C10aa
UNA-Spring Semester	22999C10ab
NWSCC-Fall Semester	22999C10ac
NWSCC-Spring Semester	22999C10ad

Elective courses are classes outside the required curriculum that students choose. Muscle Shoals City Schools offers a wide variety of elective courses in areas such as art, music, career and technical education, foreign language, health/physical education, etc. Elective courses provide students with the opportunity to explore their academic, career, and personal interests. Elective courses can also motivate and inspire students to excel in performing and visual arts, athletics, academic teams, student organizations, and extracurricular activities.

We encourage you to choose electives wisely! Electives, along with core subject classes, are reflected on your transcript. Your high school transcript provides a snapshot of your effort and choices in high school. Electives can also support college admissions, scholarships, and employment opportunities. We strongly encourage you to ask questions about elective courses and seek input from administrators, counselors, teachers, coaches, and sponsors. They're there to guide and support your college and career goals and interests.

NOTE: Elective course offerings are subject to minimum enrollment quotas. If minimum enrollment requirements are not met, the elective course may not be offered.

Career Preparedness

Graduation requirements: Career Preparedness is a required course from the Alabama State Department of Education. Successful completion of Career Preparedness fulfills one of the required computer credits for MSHS.

Note: Many students will meet this requirement in eighth grade at MSMS.

COURSE INDEX

Course Name	Course #	Credit
Career Preparedness	22153G1000	1

COURSE DESCRIPTION

Career Preparedness		
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None
A one-credit course that is taught in Grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience.		

English Language Arts Electives

Graduation requirements: Students must successfully complete a minimum of 7 elective credits (from any content area) for graduation. This requirement is the same regardless of the diploma type you are seeking. Elective credit is not included for class ranking in the class GPA calculations.

COURSE INDEX

Course Name	Course #	Credit
Student Council*	01099G1000	1
Yearbook*	11104X1000	1
Creative Writing (2022-2023)	01104G1000	1
Speech (2021-2022)	01151G1011	1

**Teacher application/approval required.*

COURSE DESCRIPTIONS

Student Council		
Grade: 12	Credit: 1.0	Prerequisite(s): Teacher Approval
Muscle Shoals High School Student Council provides leadership opportunities for interested students. The purpose of this organization is to develop attitudes of, and practice in, good citizenship; promote harmonious relations throughout the entire school; improve student-teacher relationships; improve school morale; assist in the management of the school if called upon to		

do so by the principal; provide a forum for student expression; provide orderly direction of school activities; and provide promotion for the general welfare of the school. Student Council members work with students, faculty, staff, parents, and administrators in the pursuit of school and community excellence. Students participating in Student Council develop effective communication skills, take on leadership opportunities, improve peer relationships, express and develop a shared vision and enjoy the process.

Yearbook

Grade: 11, 12

Credit: 1.0

Prerequisite(s): Teacher Approval

The Yearbook Staff is selected among rising Juniors and Seniors through an application process. The sponsor looks at the students' grades, schedule, character, leadership qualities, and work ethic to select an excellent staff. Membership applications are accepted in the Spring for the upcoming year. Yearbook Staff works very hard throughout the year in order to capture the exceptional experiences students have as a TROJAN!

Creative Writing

Grade: 10, 11, 12

Credit: 1.0

Prerequisite(s): None

This course is a writing workshop where students will have the opportunity to write every class meeting to explore different writing techniques and styles. Writing skills will be developed through pre-writing, editing, re-writing, and critiquing. Students will also examine various styles of writing by reading well-known and not so well-known writers of various poems, songs, newspaper columns, short stories, novels, plays, monologues, dialogues, haiku, reviews, montages, and stream-of-consciousness selections along with many others. Goals will be met through a variety of reading, writing, and speaking activities. Students will be asked to critique their own work and the work of others in a positive, supportive, and gentle manner. Students will research critically and/or commercially successful authors to find out their secrets to success. As a community, we will learn a great deal about each other by writing across various modes of art-in-language and describing how our writing works and what it does through various methods centering on close examination of language.

***Offered for the 2022-2023 school year.**

Speech

Grade: 9, 10, 11, 12

Credit: 1.0

Prerequisite(s): None

Speech is an introductory course covering the basics of public speaking and communication at a novice level through audience analysis, persuasion, and verbal skills. The main objective of this course is for students to gain poise, confidence, and experience with speaking publically in preparation for college courses or future career requirements.

***Offered for the 2023-2024 school year.**

Fine Arts Electives

Graduation requirements: Students must successfully complete 1 Fine Art elective credit for graduation. This requirement is the same regardless of the diploma type you are seeking. Elective credit is not included for class ranking in the class GPA calculations.

COURSE INDEX

Course Name	Course #	Credit
Art	05199G1001	1
Advanced Art	05199G1002	1
Marching Band-Fall Semester	05103G1001	1
Concert Band-Spring Semester	05102G1001	1
Chorus-Fall Semester	05149G10V1	1
Chorus-Spring Semester	05149G10V2	1
Advanced Chorus-Spring Semester*	05149G10V3	1
Music Appreciation	05119G1000	1
Introduction to Drama	05052G1000	1
Introduction to Musical Theatre	05060G1001	1
Introduction to Guitar	05108G10G1	1

**Teacher application/approval required.*

COURSE DESCRIPTIONS

Art			
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None	Fee: \$25
Art 1 is a project based, exploratory course meant to engage student creativity by instructing and guiding the student in the use of a variety of art mediums. Originality, experimentation, and creativity is expected. An emphasis will be placed on using the elements and principles of design to create successful compositions. The student will also learn about the cultural impact of art by exploring its global history.			

Advanced Art			
Grade: 10, 11, 12	Credit: 1.0	Prerequisite(s): Art	Fee: \$25
Advanced Art is a continuation of the concepts employed in Art I. An emphasis will be placed on the development of personal style and expression. Instruction will be given in portfolio development and preparation for post-secondary visual art studies			

Marching Band-Fall Semester			
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None	Fee: \$50
This is a performance-based class. Students must audition for placement in this group in the spring of the previous year. Musical knowledge is required. Summer band camp, other expenses, and after-school activities are required. Note: This course satisfies the state course of study for the LIFE PE requirement.			

Concert Band-Spring Semester			
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None	Fee: \$50
This is a performance-based class. Students must audition for placement in this group in the fall of the current year. Musical knowledge is required. Rehearsals and after-school activities are also required.			

Chorus (Fall and Spring)			
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None	Fee: \$25
This course is made up of mixed vocal parts of Soprano (1&2), Alto (1&2), Tenor, Baritone, and Bass. Students are placed in the group by approval of the director of choirs and/or completion of beginning chorus. Students will acquire knowledge of and skills in the use of the basic music terms, sight singing ability, ear training ability, and basic music theory. Acceptable choral discipline is required. This chorus will compete in numerous conferences and competitions throughout the year such as <i>All State Chorus Auditions and Show Choir Performance</i> . Select students will compete in competitions such as <i>UNA Honor Choir</i> . The choir gives over three major performances a year as well as mandatory competitions, including participation in a musical theater midterm.			

Advanced Chorus (Spring)			
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None	Fee: \$25
This course is made up of mixed vocal parts of Soprano (1&2), Alto (1&2), Tenor, Baritone, and Bass. Students are placed in the group by approval of the director of choirs and/or completion of beginning chorus. Students will acquire knowledge of and skills in the use of the basic music terms, sight singing ability, ear training ability, and basic music theory. Acceptable choral discipline is required. This chorus will compete in numerous conferences and competitions throughout the year such as <i>All State Chorus Auditions and Show Choir Performance</i> . Select students will compete in competitions such as <i>UNA Honor Choir</i> . The choir gives over three major performances a year as well as mandatory competitions, including participation in a musical theater midterm.			

Introduction to Drama			
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None	Fee: \$25
This course is an opportunity for students to express themselves through the use of performing arts with public performance, private composition, and competition. Students will learn about the history of theater as well as the technical side of the stage. The drama troupe will perform in numerous performances such as: a "One Act", a full play, and a monologue performance. They will also compete in the Walter Trumbauer Theater festival in November.			

Music Appreciation		
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None
Music plays a huge role in our society today; especially in Muscle Shoals! This course will allow us to dive in deep into a study of music behind the scenes. We will be learning the theoretical concepts of music, historical figures, styles and pieces of music, as well as vocal and instrumental techniques. The class will have the opportunity to witness several performances as well as be a part of a performing experience.		

Introduction to Guitar		
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None
Guitar is a course covering the basics of the instrument and an application of essential music fundamentals. Students will learn the basics of playing guitar at a beginning level through studying music notation, chord symbols, and peer modeling. A brief history of the guitar along with a study of its respective musical styles will also be covered in this course. The main objective of this course is to create an enhanced appreciation for music through playing the guitar. Students will learn how to read music notation, chord symbols, and tablature. Students will also have the opportunity to perform two recitals (midterm and final) in front of a live audience.		

Introduction to Musical Theatre		
Grade: 9, 10, 11, 12	Credit: 1.0	Prerequisite(s): None
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.		

Foreign Language

Graduation requirements: Students seeking the Advanced or Honors diploma endorsements must complete 2 Foreign Language credits of the same language. Students must successfully complete 7 elective credits (from any content area) for graduation. This requirement is the same regardless of the diploma type you are seeking. Elective credit is not included for class ranking in the class GPA calculations.

Course Name	Course #	Credit
German I	24252G1000	1
German II	24253G1000	1
Spanish I	24052G1000	1
Spanish II	24053G1000	1

COURSE INDEX

COURSE DESCRIPTIONS

German I Spanish I		
Grade: 9, 10, 11, 12	Credit: 1.0 each	Prerequisite(s): None
Level I courses for French, German, Latin, and Spanish are offered to provide introduction to the language through a proficiency-based program that helps the student to develop the skills of listening, speaking, reading, and writing. Geographical, historical, cultural themes and basic conversational patterns are taught.		

German II Spanish II		
Grade: 9, 10, 11, 12	Credit: 1.0 each	Prerequisite(s): German I and Spanish I
Material from the foreign language's first level course is reviewed and more detailed study of vocabulary and grammar is included. More complex structures of the language along with intermediate conversational skills are presented, and the geographical, historical, and cultural themes of the first level are expanded.		

** Additional upper level foreign language classes may be offered via online options. Please see your teacher and counselor if interested in pursuing one of these options.*

Physical Education, Drivers Education, and Health

Graduation requirements: Students must complete 1 Physical Education elective credit. Students must successfully complete a total of 7 elective credits (from any content area) for graduation. This requirement is the same regardless of the diploma type you are seeking. Elective credit is not included for class ranking in the class GPA calculations.

COURSE INDEX

Course Name	Course #	Credit
Health Education and Driver's Education	08051G0500 08152G0500	1
Beginning Kinesiology 9 (Graduation Requirement)	08017G1000	1
LIFE Physical Education 10-12	08047G1000	1

**Marching Band and athletic team classes fulfill the state Beginning Kinesiology/Life PE requirement.
See chart below for athletic teams.*

COURSE DESCRIPTIONS

Drivers Education			
Grade: 9, 10, 11, 12	Credit: 0.5	Prerequisite(s): None	Fee: \$35
<p>Driver's Ed is a 0.5 elective credit for students who will be 15 years of age <i>before</i> taking the course. This course encourages the development of students as responsible drivers. The program develops skills, knowledge, and attitudes, which will enable students to enter the complex traffic world in a safe and efficient manner. The responsible driver avoids all types of accidents and respects the privileges, rights, and safety of other drivers. Note: The learner's permit is required the first day of class.</p> <p>Also included in the class is a unit on Boating and Water Safety will be taught. Students that pass the Alabama Basic Boating Test will receive a certificate from the Marine Police Department. When the students take their certificate to the D.M.V. and pay the required fee, they will receive their boating license for life in the State of Alabama.</p>			

Health		
Grade: 9, 10, 11, 12	Credit: 0.5	Prerequisite(s): None
<p>The course will consider the relationship between lifestyle health-related issues, including family health, mental and emotional health, community health, injury prevention and personal safety, as prevention and control of disease. In addition, an application of proper nutrition, weight control, fitness, stress management, tobacco, drug and alcohol abuse, and emergency care (CPR) will be presented. This required course is primarily for tenth grade students.</p>		

Beginning Kinesiology			
Grade: 9	Credit: 1.0	Prerequisite(s): None	Fee: \$5 Locker Fee
<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. Appropriate gym clothes/shoes may be required.</p>			

LIFE Physical Education			
Grade: 10, 11, 12	Credit: 1.0	Prerequisite(s): Beginning Kinesiology	Fee: \$5 Locker Fee
<p>The focus of this required course, Lifelong Individualized Fitness Education (LIFE), is health-enhancing physical activity. LIFE provides the knowledge for a lifetime of healthy living. Through the LIFE course, students learn to apply the various aspects of fitness and assess their own fitness levels through the Presidential Physical Fitness test. LIFE provides students with the knowledge and ability to construct and implement a lifelong plan for physical activity. Appropriate gym clothes/shoes may be required. **Beginning in 2021-2022, this course does not fulfill the Physical Education graduation requirement.</p>			

***The following courses must be approved by the head coach before being placed on your schedule.**

Athletic PE Course Names	Course #		Athletic PE Course Names	Course #
Football-fall semester Weight Training-spring semester	08013G10FB 08005G1000		Boys Basketball-fall Boys Basketball-spring	08013G10BKac 08013G10BKad
Volleyball-fall Volleyball-spring	08013G10VBaa 08013G10VBab		Girls Basketball-fall Girls Basketball-spring	08013G10BKae 08013G10BKaf
Baseball-fall Baseball-spring	08013G10BAag 08013G10BAah		Softball-fall Softball-spring	08013G10SBai 08013G10SBaj
Cheerleaders-fall	08006G10CH		Tennis-spring	08011G10TN

MUSCLE SHOALS CAREER

Mr. Jeff Madden

#1 in Alabama
MSCA certifies the highest number of students in these programs.

PROGRAMS

Microsoft
Technology Associate



Dual Enrollment is offered in:

- Automotive Technology
- Building Science
- Welding
- Medical Science
- Industrial Systems

COLLEGE AND CAREER READY

Students earn employable skills and credentials

ADDITIONAL PROGRAMS OF STUDY

Students can take courses in any of these fields



- Architecture and Construction
- Business, Management and Administration
- Medical Science
- Human Services
- Information Technology
- Manufacturing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution, and Logistics

www.muscleshoalscareeracademy.com

Great cost savings for students and parents in the overlap of high school and college curriculum. The MSCA serves Muscle Shoals, Deshler and Sheffield High Schools.

The Career Academy program provides students the opportunity to participate in programs that prepare students for careers in high wage, high demand jobs. The Academies aim to prepare students for the workforce, offering them a curriculum that provides hands-on experience and certification opportunities in their chosen career pathway. See the MSCA course planning guide for course descriptions and more information

Automotive, Building Science, and Welding

Course Name	Course #	Credit
Architecture, Construction, & Manufacturing +	17002G1001	1
Building Science (Carpentry)**	17002G1000	1
Welding**	13207G1014	1
Industrial Systems (I, II, III, and IV)	13001G1000	1
Automotive Technology (HS credit)	20117G1012	1
Automotive Engines (College Credit)	20149C1033	1

+Required introductory course for Building Science (Carpentry) and Welding

****Dual Enrollment (College Credit) opportunities in these areas.**

Cosmetology

Course Name	Course #	Credit
Introduction to Cosmetology	19104G1000	1
Hair Color	19103G1001	1
Introduction to Spa	19107G1001	1
Introduction to Nail Care	19105G1001	1
Chemicals +	19103G1002	1
Salon Management +	19107G1003	1

+Introduction to Cosmetology is a required prerequisite for these courses.

Education and Training / FACS

Course Name	Course #	Credit
Education and Training	19151G1000	1
Teaching I +	19152G1012	1
Teaching II*	19152G1022	1
Entrepreneurship in Family and Consumer Science	19299G1000	1
Food and Nutrition	19252G1000	1
Event Planning		

+Education and Training is a required prerequisite for this course.

**Teaching I is a required prerequisite for this course.*

PLTW Engineering Academy

Course Name	Course #	Credit
Introduction to Engineering Design (IED)	21017G1000	1
Principles of Engineering (POE)	21018G1000	1
Computer Integration Manufacturing (CIM)*	21022G1000	1
Engineering Design and Development (EDD)*	21025G1000	1

**Successful completion of both IED and POE are required prerequisites for these courses.*

Drafting Design Technology

Course Name	Course #	Credit
Introduction to Drafting ^{cc}	21106G1013	1
Intermediate Drafting Design ^{cc}	21106G1023	1
Three-Dimensional Solid Model Design ^{cc}	21107G1012	1

^{cc} **Computer Credit Awarded**

Banking and Finance / Marketing

Course Name	Course #	Credit
Economics and Financial Services	12105G1001	1
Banking and Financial Services	12102G1000	1
Accounting	12104G1012	1
Senior Pathway Project –Trojan Teller*		1

**Teacher approval/recommendation required*

Course Name	Course #	Credit
Business Software Applications II	10005G1002	1
Advanced Business Technology Applications	12003G1000	1
Marketing Principles	12164G1000	1
Sports and Entertainment Marketing	12163G1001	1

Information Technology Academy

Course Name	Course #	Credit
Cybersecurity – PLTW	10016G1000	1
Information Technology (IT) Fundamentals (2021-2022)	10001G1000	1
Software Development (2022-2023)	10154G1000	1
Advanced Placement Computer Science Principles	10019E10	1
Senior Pathway Project-Information Technology*		1

**Required prerequisite of two IT courses.*

Medical Science

COURSE INDEX

Course Name	Course #	Credit
Foundations of Health +	14002G1001	1
Medical Terminology* (Dual Enrollment with NWSSC)	14154G1000	1
Health Science Internship**	14298G1000	1
Certified Nursing Assistant Fall/Spring (Dual Enrollment)	14999C1034	2
Emergency Medical Technician-Fall/Spring (Dual Enrollment with NWSSC)	14999C1004	2
Pharmacy Technician Program-MSCA Approval Required	14152G1001	1

+Required prerequisite course for any other Medical Science class.

**Required prerequisite course of Foundations of Health.*

***Required prerequisite of two previous Medical Science courses*

Multimedia

COURSE INDEX

Course Name	Course #	Credit
Digital Design	12165G1012	1
Graphic Illustration	12165G1022	1
Studio Portfolio	12165G1001	1
Multimedia Design	12008G1001	1
Multimedia Publications	12008G1002	1
Broadcast Team	23990G10	1

Work Based Learning

Note: These courses were formerly known as Co-Op.

COURSE INDEX

Course Name	Course #	Credit
Work-Based Learning -Fall	22998G10	1
Work-Based Learning -Spring	22998G10aa	1

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

**ALABAMA HIGH SCHOOL DIPLOMA
SUBSTITUTE COURSES FOR STUDENTS WITH DISABILITIES**

AREAS OF STUDY	REQUIREMENTS	CREDITS
English Language Arts	English 9, 10, 11, and 12 or any AP/IB/postsecondary equivalent courses. <u>or</u> *English Essentials 9, 10, 11, and 12. <u>or</u> **AAS English 9, 10, 11, and 12.	4
Mathematics	Algebra I, Geometry, and Algebra II with Trig or Algebra II or CTE/IB/postsecondary equivalent courses. 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/IB/postsecondary equivalent courses. <u>or</u> *Algebraic Essentials A & B and Geometry Essentials A & B (students taking Algebraic Concepts in Grade 9 are not required to take Geometry B). <u>or</u> **AAS Mathematics 9, 10, 11, and 12.	4
Science	Biology and a physical science. The third and fourth science credits 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/IB/postsecondary equivalent courses. <u>or</u> *Life Skills Science I, II, III, and IV. <u>or</u> **AAS Science 9, 10, 11, and 12.	4
Social Studies	World History, U.S. History x 2, and Government/Economics or AP/IB/postsecondary equivalent courses. <u>or</u> *World History for Living, U.S. History for Living 10, U.S. History for Living 11, and Economics for Living/U.S. Government for Living . <u>or</u> **AAS Social Studies 9, 10, 11, and 12.	4
Physical Education	LIFE (Personal Fitness) One JROTC credit may be used to meet this requirement. <u>or</u> Adapted Physical Education.	1
Health Education	<i>Alabama Course of Study: Health Education.</i> <u>or</u> **AAS Pre-Vocational, AAS Vocational, AAS Community Based Instruction, and/or AAS Elective Course.	0.5
Career Preparedness	Career Preparedness Course (Career and Academic Planning, Computer Applications, Financial Literacy) <u>or</u> **AAS Life Skills	1
CTE and/or Foreign Language and/or Arts Education	Students choosing CTE, Arts Education, and/or Foreign Language are encouraged to complete two courses in sequence. <u>or</u> *two CTE courses and Workforce Essentials (or Transition Services II in school systems that do not offer Workforce Essentials). <u>or</u> **AAS Life Skills.	3
Electives	*Students earning core credit through the Essentials/Life Skills courses are required to take Cooperative Education Seminar/Work-Based Experience (or LS Occupational Preparation in school systems that do not have a Cooperative Education Program). **AAS Pre-Vocational, AAS Vocational, AAS Community Based Instruction, and/or AAS Elective Course.	2.5
Total Credits Required for Graduation		24

* Course sequence for students with disabilities earning core credit through the Essentials/Life Skills 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 cognitive disabilities earning core credit through Alternate Achievement Standards (AAS) courses.

NCAA Eligibility Requirements

Students who hope to participate in college athletics should become familiar with the National Collegiate Athletic Association (NCAA) guidelines in order to be prepared for academic eligibility to participate in collegiate athletics. The eligibility standards required by the NCAA are affected by course selection and course grades throughout high school as well as scores on the ACT/SAT. Students/parents are encouraged to download the 2020-2021 Guide for College-Bound Student-Athlete” available at www.eligibilitycenter.org.

KNOW THE RULES...

Core Courses

- **NCAA Division I requires 16 core courses.** See the table below.
- **As of August 1, 2016, NCAA Division I requires 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become “locked in” at the start of the seventh semester and cannot be retaken for grade improvement.
 - *It is still possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but he or she would not be able to compete.*

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA).
- **Division II** requires a minimum SAT score of 920 or an ACT sum score of 70.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading, and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade Point Average

- **Be sure** to look at your high school’s list of NCAA Courses on the Eligibility Center’s website www.eligibilitycenter.org. Only courses that appear on your school’s list of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** GPA required to be a full qualifier is a minimum of 2.300 (corresponding test-score requirements can be found on the website).
- **The Division II** core GPA requirement is a minimum of 2.200 (corresponding test-score requirements can be found on the website).

Remember, the NCAA GPA is calculated using NCAA approved core courses only.

Division I (16 Core Courses)	Division II (16 Core Courses)
<ul style="list-style-type: none"> ● 4 credits of English ● 3 credits of mathematics (Algebra I or higher) ● 2 credits of natural/physical science (1 credit of lab if offered by high school) ● 1 credit of additional English, mathematics, or natural/physical science ● 2 credits of social science ● 4 credits of additional courses (from any area above, or foreign language) 	<ul style="list-style-type: none"> ● 3 credits of English ● 2 credits of mathematics (Algebra I or higher) ● 2 credits of natural/physical science (1 year of lab if offered by high school) ● 3 credits of additional English, mathematics, or natural/physical science ● 2 credits of social science ● 4 credits of additional courses (from any area above, or foreign language)

Digital Design	12165G1012	1.0 credit
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A one-credit course that provides students with hands-on experiences including computer operations, applications and procedures, type styles, desktop publishing, layout and design techniques, mechanical production files, formats, and workplace-related technology. The prerequisite for this course is Introduction to Advertising Design or an equivalent visual arts credit.

Graphic Illustration	12165G1022	1.0 credit
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A one-credit course that provides students with experiences and instruction in object and information design. The prerequisite for this course is Digital Design.

Studio Portfolio	12165G1001	1.0 credit
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A one-credit course that provides students with the opportunity to create projects utilizing traditional and electronic portfolio presentations. This course prepares students for postsecondary education and/or entry-level positions in the advertising design industry. The prerequisite for this course is Graphic Illustration.

Event Planning	16057G1000	1.0 credit
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This is a one-credit course taught in grades 9-12. Students will learn to organize and plan all aspects of business and social events including the food, location, and decor associated with hiring an event planner. Concepts taught in the course to meet the needs of clients including planning for the event with activities, establishing a budget, determining the theme, planning the guest list, determining the location, developing an event plan schedule, planning transportation needs, training of staff, staging the event, calculating room and space requirements, providing necessary technology and equipment, planning food and beverage services, securing entertainment, understanding legal issues in event planning, and conducting post-evaluations of events. Students demonstrate leadership characteristics and make decisions based on integrating knowledge of financial, human resources, promotion, and event management principles. Students are prepared for various career opportunities in event planning.

Business Software Applications II	10005G1002	1.0 credit
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Business Software Applications II focuses on advanced word processing and spreadsheet and database management skills using current and emerging integrated technology. These skills include a variety of input technologies in the production of professional quality business documents and reports. Performance and production skills for the co-curricular student organizations, DECA and Future Business Leaders of America (FBLA-PBL), are embedded in this course. Students will also have the opportunity to gain industry-recognized credentials to document advanced computer skills needed for future education or employment plans.

Economics and Financial Services	12105G1001	1.0 credit
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Economics and Financial Services presents basic topics in economics, including the principles and practices of banking, credit, and consumer lending in the United States. Additional emphasis is placed on money management, economic growth and stability, and characteristics of different economic systems and financial institutions. The course includes the major functions of banks and other financial intermediaries, central banking and the Federal Reserve System, current trends in the finance industry, credit functions, principles of credit risk evaluation, loan creation, debt collection, and stocks and bonds.

Cybersecurity – PLTW	10016G1000	1.0 credit
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Cybersecurity - PLTW is a one-credit course that introduces students to the tools and concepts of cybersecurity and encourages them to create solutions that allow people to share computing resources while protecting privacy. Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. This class satisfies the fourth math credit requirement.