

ELMS

8th Grade High School Credit Bearing Courses

2022-2023



HS Credit in Middle School

- ▶ Courses offered in middle school will follow the same standards, curriculum, and procedures followed in the high school.
- ▶ 80% of the grade is assessments, course work, and projects assigned in class.
- ▶ 20% of the grade is the semester summative exam or End of Course test when applicable (Algebra I and HS Physical Science)
- ▶ If the course has an End of Course test, credit for the course will not be given if the assessment is not completed.

HS Credit in Middle School

- ▶ High school courses completed in middle school **DO NOT** count towards Zell Miller and/or HOPE GPA.
- ▶ High school course work **DOES** count towards high school credit and GPA, thus impacting high school GPA.
- ▶ Students may re-take the course in high school **IF** the student withdrawals from the course during the school year.

HS Credit in Middle School

- ▶ Students who take Algebra I and/or HS Physical Science in middle school are **STRONGLY** advised to:
 - ▶ Take a 5th year of math as a senior. This is especially important for college-bound students.
 - ▶ Not taking math your senior year could potentially jeopardize college entrance. It could negatively impact a student's success on college entrance exams and applications.
 - ▶ Take a 5th year of science as a senior. Not taking enough rigorous science classes can jeopardize college entrance and success on exams like the ACT.

Pros

- **Get started on Graduation requirements early**
- **More opportunity to take other HS classes of interest, like Advanced Placement (AP), Dual Enrollment, and Pathway Courses**
- **Head start to boosting your Overall GPA**
- **Complete Graduation Requirements early**

Cons

- **Grades DO NOT calculate into HOPE GPA**
- **Can negatively impact Overall GPA if a low OR failing grade is made in course**
- **If course is failed, and it is required for graduation, student must retake the course and pass it.**
- **All grades (Even Failing) remain on permanent transcript.**

Georgia High School Graduation Requirements
For Students Entering High School
In 2008 and beyond

English Language Arts	4 credits	One English class in each year of high school, including ^American Literature/Composition (11 th grade) and ^Ninth-Grade Literature and Composition.
Mathematics	4 credits	Coordinate Algebra, Analytic Geometry, Advanced Algebra, and one additional math (Pre-Calculus, Advanced Math Decision Making, AP Calculus or AP Statistics)
Science	4 credits	^ Students shall earn four units in science including one full unit of Biology; one unit of either Physical Science or Physics; one unit of either Chemistry, Earth Systems, Environmental Science or an Advanced Placement course; and one additional science unit. The fourth science may be used to meet both the science and elective requirements. Any Advanced Placement science course may be substituted for the appropriate courses listed above.
Social Studies	3 credits	World History, ^United States History, United States Government (1 semester) and ^Economics (1 semester)

Career, Technical and Agricultural Education	3 credits	Students must earn 3 credits, in any combination, from Career Technical & Agricultural Education (CTAE), Fine Arts, and/or foreign language.
Fine Arts		Students planning to attend a 4-year college or university immediately after high school must earn a minimum of 2 credits in a foreign language.
Foreign Language		Students are <u>encouraged</u> , but it is not required, to take at least 3 credits in a single CTAE career pathway. (See the Advisement Guide for CTAE programs available at each high school.)
Health and Physical Education	1 credit	$\frac{1}{2}$ credit per course. Each course is one semester in length. Typically taken in the 9 th grade. A student taking 3 credits of JROTC will satisfy this requirement.
Electives	4 credits	Electives can be taken in any curriculum area. Students planning to attend a 4-year college or university are encouraged to take at least 2 electives from academic curriculum areas.
Total	23 credits	

What High School Courses are available at ELMS?

Core Courses

- **Physical Science** 1 Credit
- **Spanish I** 1 credit
- **Algebra I** 1 credit (Must already be on the accelerated math track.)

Elective Courses

- **NJROTC** 1 credit
- **Basic Agriculture** 1 credit
- **Visual Art** 1 credit

***All elective courses are year-long

Algebra I

This is the first course in a three-course series. Students will apply their algebraic and geometric reasoning skills to make sense of problems involving algebra, geometry, bivariate data, and statistics. This course focuses on algebraic, quantitative, geometric, graphical, and statistical reasoning. In this course, students will continue to enhance their algebraic reasoning skills when analyzing and applying a deep understanding of linear functions, sums and products of rational and irrational numbers, systems of linear inequalities, distance, midpoint, slope, area, perimeter, nonlinear equations and functions, quadratic expressions, equations and functions, exponential expressions, equations, and functions, and statistical reasoning.

Physical Science

HS Course Info

The Physical Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry.

HS Course Info

Spanish I

Introduces the Spanish language; emphasizes all skills: listening, speaking, reading, and writing skills in an integrated way. Includes how to greet and take leave of someone, to ask and respond to basic questions, to speak and read within a range of carefully selected topics and to develop an understanding of Spanish-speaking cultures.

Visual Arts/Comprehensive I

Introduces art history, art criticism, aesthetic judgment, and studio production. Emphasizes the ability to understand and use elements and principles of design through a variety of media, processes, and visual resources. Explores master artworks for historical and cultural significance.

HS Course Info

Basic Agriculture

This course is designed as the foundational course for all Agriculture, Food & Natural Resources Pathways. The course introduces the major areas of scientific agricultural production and research; presents problem solving lessons and introductory skills and knowledge in agricultural science and agri-related technologies. Classroom and laboratory activities are supplemented through supervised agricultural experiences and leadership programs and activities.

HS Course Info

NJROTC

The purpose of this course is to combine all information on military drill and ceremonies, uniform regulations, physical fitness, orienteering, principles of health, first aid, survival, leadership, and communications. Minimum performance requirements of this course are in accordance with current Chief of Naval Education Training Instruction, NAVEDTRA 37128. The performance standards in this course are based on the performance standards identified in the curriculum for the United States Navy Junior Reserve Officer Training Corps. Successful completion of three courses of credit will qualify the student for advanced placement in a college ROTC program or accelerated promotion in the military service.

Links

<https://forms.gle/sabTmWaFtSeoKyzXA>