

Graduation Requirements and Course Options

SUBJECT AREA	CREDITS	COURSES
English	4	1 - English 9 1 - English 10 1 - English 11 or AP Language and Composition or ENG 101 Dual Enrollment Option 1 - English 12 or AP Language and Composition or AP Literature and Composition or Dual Enrollment Options
Mathematics	4	1 - Algebra 1 - Geometry 2 - Other courses Students must enroll in a mathematics course each year of high school.
Science	3	1 - Biology 2 - Other lab courses (PES/ABP, Biology and Chemistry/Fundamentals of Chemistry or Environmental Science are recommended)
Social Studies	3	1 - (9th) American Studies 2 or AP United States History Yearlong 1 - (10th) Government or AP Government & Politics 1 - (11th) Modern World History or AP World History or World History Dual Enrollment
Health	1	0.5 - Health 0.5 - (11th) Health 2 (Students who entered 9th grade during or after the 2021-2022 school year, are required to earn 1 credit Health Education.)
Physical Education	0.5	Fitness for Life
Fine Arts	1	See page 11 of Course Offering Guide for course options. https://www.fcps.org/academics/curriculum-instruction-and-innovation
Computer Science & Engineering	1	Engineering Design & Application or Foundations of Computer Science
Career Pathways	3	Complete these credits in courses that match your career interest.
Financial Literacy	0.5	See page 4 of the Planning Guide for course options. https://www.fcps.org/academics/curriculum-instruction-and-innovation
SUBTOTAL	21	
Program of Study 1		Program of Study 2
World Language/American Sign Language 2 credits in the same language AND 3 elective credits		Successful completion of a state approved Career and Technical Education (CTE) program of study AND One (1) elective credit
ENVIRONMENTAL LITERACY	Meet the state requirement (infused into the FCPS curriculum).	
GRADUATION ASSESSMENTS	Students are required to take the Maryland Comprehensive Assessment Program (MCAP) exams in Algebra 1, English 10, Life Science (Biology), and Government. Government and Life Science (Biology) MCAP exams are to be counted as 20% of a student's final course grade beginning with students who entered 9th grade in the 23-24 school year.	
STUDENT SERVICE LEARNING	Meet the state requirement of 75 hours (infused into the FCPS curriculum).	

Course Definitions:

Grade level and content specific courses are designed for student who meet the objectives and expectations of the grade level essential curriculum, both in terms of content knowledge and application. Grade level coursework includes concrete and abstract content, with an emphasis on both teacher directed and independent work.

Grade level and content courses with the honors designation are designed for students who consistently exceed the objectives and expectations of the essential curriculum, both in terms of knowledge and application. Coursework includes an emphasis on abstract material and requires extensive independent work, self-discipline, and commitment to meet rigorous expectations and timelines.

Advanced Placement courses are designed to provide students with an opportunity to earn college credit by achieving a passing score on an end-of-course exam. Coursework includes an emphasis on abstract material and requires extensive independent work to successfully master the material. The following AP courses may be offered at MHS:

AP Literature & Composition	AP Calculus A/B (2 sem)	AP Physics C1: Mechanics	AP Human Geography
AP Language/Composition	AP Precalculus	AP Physics C2: Elec & Mag	AP US History/Seminar (2 sem)
AP Computer Science Principles	AP Biology 1/2 (2 sem)	AP Psychology	AP World History
AP Computer Science	AP Chemistry 1/2 (2 sem)	AP European History	AP Studio Art 1/2 (2 sem)
AP Calculus AB/BC (2 sem)	AP Environmental Science	AP Government/Politics	AP Spanish

Dual Enrollment courses are college courses offered to give students exposure to experiences and information necessary for making informed decisions when selecting a college or career. FCPS students are provided multiple opportunities to earn college credit through partnerships with local institutions of higher education. Dual enrollment options include Open Campus Dual Enrollment and High School Based Dual Enrollment. The following high school based (HSB) Dual Enrollment course may be offered at MHS:

FCC ARTT 101 Foundations of Studio Art 1	FCC BMGT 103 - Intro to Business*	FCC MATH 120 - Statistics
FCC English 101- Composition	FCC BSCI 150 - Principles of Biology	FCC MATH 285 - Calculus 3 (HSB through FCVS)
FCC English 102 - Literature	FCC CHEM 101: General Chemistry	FCC SOCY 101 - Sociology

Virtual School Courses also offered via FCPS Virtual School. For more information and a list of courses see <https://edu.fcps.org/fcvs/>

* Latin1 VIS: Virtual in school course taken in a computer lab at MHS.