

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

2020 & BEYOND FOUNDATION + ENDORSEMENT Graduation Requirements Text

CREDITS		9	10	11	12
4.0	ENGLISH	ENGLISH I	ENGLISH II	ENGLISH III	ADV ENGLISH
4.0	MATH	ALGEBRA I	GEOMETRY	ALGEBRA II	ADV MATH
4.0	SCIENCE	BIOLOGY	CHEMISTRY	ADV SCIENCE	ADV SCIENCE
3.0	SOCIAL STUDIES	W GEOGRAPHY or W HISTORY	W HISTORY or POLITICAL SCI*	US HISTORY	GOV'T/ECON
0.5	HEALTH		HEALTH (.5)		
1.0	PE	PE			
1.0	FINE ARTS		FINE ART		
2.0	OTHER LANGUAGES	LANGUAGE 1	LANGUAGE 2		
6.5	ELECTIVES	Elective credits must be selected from any state approved course for which a student may receive credit and does not satisfy a specific course requirement.			
		* Political Science counts as a CTE elective, not a Social Studies elective			
26.0		Electives that satisfy endorsement requirements must be selected from the options listed below.			

STEM ENDORSEMENT

Students may earn a STEM endorsement by selecting and completing the requirements from among these 5 options:

S G P H S	OPTION 1	OPTION 2	OPTION 3	OPTION 4	OPTION 5
	CTE	Computer Science and Cyber Security	Math	Science	Combination
	Earn 4 CTE credits by taking at least 2 courses in the same cluster that lead to a final advanced course in the STEM cluster. Courses may be selected from:		Take Algebra I, Geometry, and Algebra II AND 2 courses for which Algebra II is a prerequisite	Take Biology, Chemistry, Physics and 2 of the following:	Take Algebra II, Chemistry, Physics AND 3 additional credits from Option 1 Option 2, Option 3 and/or Option 4
	Engineering Design & Presentation I	Principles of IT	AP Calculus AB	Adv Animal Science	
	Engineering Design & Presentation II	Digital Arts and Animation	AP Calculus BC	Aquatic Science	
	Engineering Design Problem Solving	Advanced Cloud Computing	AP Computer Science	Astronomy	
	Computer Science I	Computer Science I	Precalculus	AP Biology	
	Computer Science II	Computer Science II	AP Statistics	AP Chemistry	
		Mobile App Development	DC Precalculus	Anatomy & Physiology	
		Foundations of Cybersecurity	DC Algebra	AP Environmental Science	
		Networking Technology		Environmental Systems	
		Practicum in Information Technology		AP Physics C	
		AP Computer Science Principles		AP Physics I	
				Forensic Science	
				Advanced Plant & Soil Science	