SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

2018 & BEYOND FOUNDATION + ENDORSEMENT Graduation Requirements

CREDITS		9	10	11	12
4.0	ENGLISH	**PreAP English I**	**PreAP English II**	**AP English Language**	***AP English Literature***
4.0	MATH	**Algebra I or PreAP Geometry**	**PreAP Geometry or PAPAlgII**	**Adv Math**	***Adv Math***
4.0	SCIENCE	**PreAP Biology**	**PreAP Chemistry**	***Physics***	***Adv Science***
3.0	SOCIAL STUDIES	**Pre AP World History**	**AP Human Geography**	**AP U.S. History**	**AP Govt/Econ**
0.5	HEALTH				
1.0	PE	**PE ***			
1.0	FINE ARTS				
2.0	OTHER LANGUAGES	***Language I ****	***Language II ****		
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.			
26.0		**Electives that satisfy endorsment requirements must be selected from the options listed below.**			

GPFAA

STEM ENDORSEMENT

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

OPTION 1	OPTION 2	OPTION 3	OPTION 4	OPTION 5
Computer Science	CTE	Math	Science	Combination
Earn 4 credits in computer science:	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
AP Computer Science	Ch 127:	AQR	Adv Animal Science	
	Career Preparation I	AP Calculus AB	Aquatic Science	
	Career Preparation II	AP Calculus BC	Astronomy	
			AP Biology	
		AP Computer Science	AP Chemistry	
			Anatomy & Physiology	
			AP Environmental Science	
			Environmental Systems	
		PreCalculus	AP Physics C	
			AP Physics I	
		AP Statistics	Forensic Science	
			Medical Microbiology	
			Pathophysiology	
			Adv Plant & Soil Science	
			Principles of Engineering	
			Scientific Research & Design	