SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

2018 & BEYOND FOUNDATION + ENDORSEMENT Graduation Requirements

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 GEO *or* W HISTORY**	**W HISTORY**	**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.			
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:

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 theSTEM 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
			Medical Microbiology	
Not Available	Concepts of Enginerring and Technology	AP Calculus AB	Pathophysiology	
	Engineering Design and Presentation	AP Calculus BC	AP Biology	
	Advanced Engineering Design and Presentation	AP Computer Science	AP Physics I	
	Practicum in STEM	Pre-Calculus	Anatomy & Physiology	
		AP Statistics	Principles of Engineering	
			Scientific Research and Design	