STEM – Science, Technology, Engineering, and Mathematics Endorsement					
Option A: CTE	**Option A: CTE**	**Option B: Computer Science**	**Option C: Math**	**Option D: Science**	**Option E: STEM Combo**
4 or more credits in CTE courses with 2 credits in same STEM Cluster including at least one advanced CTE course	*4 or more credits in CTE courses with 2 credits in same STEM Cluster including at least one advanced CTE course*	*4 credits in Computer Science and/or Computer Programming*	*5 Credits in Math with 2 credits above Algebra I, Geometry, and Algebra II*	*5 credits in Science with 2 above Biology, Chemistry, and Physics*	*In addition to Algebra II, Chemistry, and Physics, a coherent sequence of 3 additional credits from no more than two of the areas listed in CTE, Computer Science, Math, and Science*
Engineering – Computer Science Pathway	**Digital Electronics Pathway**	**Computer Science Pathway**	**Math Pathway**	**Science Pathway**	
Required Courses Introduction to Eng. Design Principles of Engineering Computer Science Software Engineering I	**Required Courses** Introduction to Eng. Design Principles of Engineering Digital Electronics	**Required Courses** Computer Science Software Engineering I Introduction to Eng. Design Computer Science Software Engineering II	**Any 2 or more Advanced Courses** Pre-Calculus AP Calculus AB AP Calculus BC AP Statistics Algebraic Reasoning Independent Study in Mathematics	**Any 2 or more Advanced Courses** AP Biology II AP Chemistry II Anatomy and Physiology AP Environmental Science Medical Biology and Pathophysiology Earth And Space Science Aquatic Science Environmental Systems AP Physics I, II, or C	
Required Advanced Courses Engineering Design Problem Solving or Internship Career Prep	**Required Advanced Courses** Engineering Design Problem Solving or Internship Career Prep	**Required Advanced Courses** Computer Science Specialization or AP Computer Science			
Optional Electives: *Principles* of Engineering II <mark>Gateway to Technology</mark> <mark>(offered at MMS and SFMS</mark>)					