

Engineering & Technology Education

Course #	Course Title	Recommended Grade Level							Recommended Credit
		6	7	8	9	10	11	12	
	<i>Middle School</i>								
210101	Invention and Innovation	x	x	x					
210102	Invention and Innovation				x				½ (at 9 th grade)
210103	Technological Systems	x	x	x					
210104	Technological Systems	x	x	x	x				½ (at 9 th grade)
210105	Special Technology Topics	x	x	x					
210106	Special Technology Topics	x	x		x				½ (at 9 th grade)
210119	Exploration of Power Energy & Transportation Technology	x	x	x					
210120	Exploration of Manufacturing Technology	x	x	x					
210121	Exploration of Construction Technology	x	x	x					
210122	Exploration of Computer & Graphic Communication Technology	x	x	x					
210127	Exploring Technology	x	x	x					
210128	Exploring Technology	x	x	x	x				½ (at 9 th grade)
	<i>Gateway To Technology Program (PLTW)</i>								
219909	Design & Modeling*	x	x	x					
219910	Automation & Robotics*	x	x	x					
219911	Science & Technology*	x	x	x					
219912	Flight & Space*	x	x	x					
219913	Magic of Electrons*	x	x	x					
219914	Energy & the Environment*	x	x	x					
219915	Green Architecture*	x	x	x					
	Medical Detectives **	x	x	x					
	Middle school courses offered for 9 th grade if housed at the middle school *could be multiple courses to be specifically designed as a feeder course to the high school engineering program ** New course that will be given a course number for 2014-15 registration								
	<i>Engineering Technology High School Pathway:</i>								
Course #	Course Title				9	10	11	12	
210107	Foundations of Technology				x	x			1
210108	Technological Design				x	x	x		1
210109	Technological Issues and Impacts					x	x	x	1
210110	Engineering Design (Capstone)							x	1
210111	Special Problems in Technology				x	x	x	x	1-4*
210112	Special Technology Topics				x	x	x	x	1-4*
210116	Foundations of Energy				x	x	x	x	1
210117	Advanced Design Applications						x	x	1
210118	Advanced Technological Applications						x	x	1

