



# ENGINEERING PATHWAY

	ENGLISH*	MATH*	SCIENCE*	SOCIAL STUDIES*	PATHWAY REQUIREMENTS	ACADEMY EXPERIENCES
<b>9<sup>TH</sup> GRADE</b>	English 9	Algebra I	HR Biology	World History	Career Preparedness Health PE	Career Cruising Activities Guest Speakers
<b>10<sup>TH</sup> GRADE</b>	English 10	Geometry	CP Chemistry	U.S. History to 1877	Foundations of Engineering Intro to Engineering PLTW	Public Speaking Activities Join Career & Technical Student Organization (CTSO) Assignment of Post-secondary Mentor
<b>11<sup>TH</sup> GRADE</b>	English 11	Algebra II/Trig	CP/AP Physics	U.S. History 1877 to Present	Engineering Research Design Principles of Engineering PLTW	Field trips/Tours CPR Certification
<b>12<sup>TH</sup> GRADE</b>	English 12	Algebraic Connections	Anatomy & Physiology	American Government/ Economics	Digital Electronics PLTW Robotic Applications	Field Experience(s) Certified Nursing Assistant Credentialing Senior Project (Portfolio)
<b>Assessments &amp; Credentials</b>	CPR/First Aid Certification, Career Cruising, Certified Nursing Assistant Credentialing, ACT, Work-Keys ( Co Op only)				<b>Recommended Electives</b> Entrepreneurship Senior Project	Cooperative Education
<b>Post Secondary Goals and Planning</b>	Diploma requirements per institution of higher learning (See your school's Guidance Counselor)				<b>School and Community Involvement</b>	Join Health Occupations Students of America (HOSA) or SkillsUSA Attend Annual Joint Leadership Development Conference Attend/Participate in Career Fair(s) Participate in Various Community Service Activities