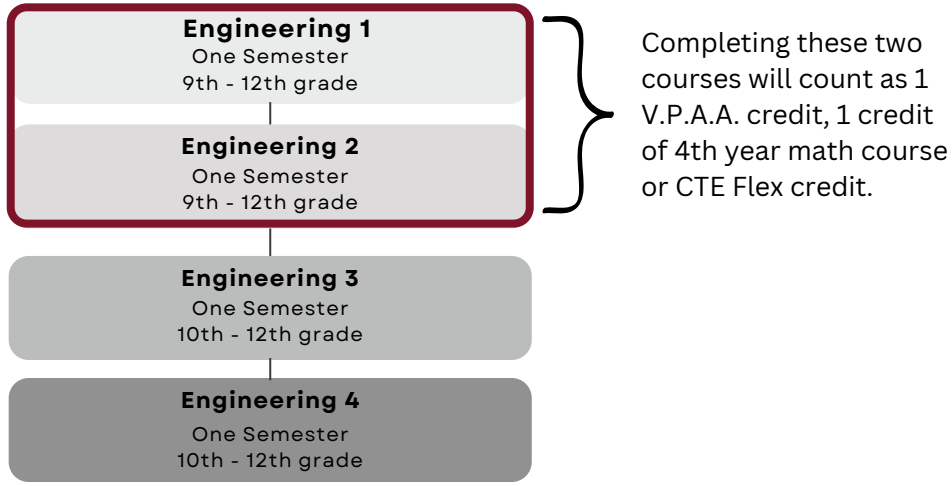



ROCHESTER COMMUNITY SCHOOLS

Engineering Program of Study

Designed for students with an interest in Microsoft Office Suite (Word, Excel, PowerPoint, and Access), the web, graphic editing, animation, and social media, these class allows students to learn how to create and manage the elements of a fully functioning website. and business applications.



Grade	ELA	Math	Science	Social Studies	CTE - Engineering and Mechanical Drafting
9	ELA 9	Algebra 1	Biology	World History	Engineering 1 and Engineering 2
10	ELA 10	Geometry or Honors Geometry	See course booklet for 10th grade science courses	US History	Engineering 1, Engineering 2, Engineering 3 and Engineering 4
11	ELA 11	Algebra 2 or Honors Algebra 2	See course booklet for 11th grade science courses	American Government/ Economics	Engineering 1, Engineering 2, Engineering 3 and Engineering 4, Mechanical Drafting/Design 1 and Mechanical Drafting/Design 2
12	ELA 12	Pre-Calculus or Honors Pre-Calculus or Math Related Course	See course booklet for 12th grade science courses	Economics (if needed)	
Aligned Post Secondary Courses	Oakland Community College: Introduction to CAD (CAD 1101) Northern Michigan University: Introduction to Electricity Manufacturing Process (ET 110 & MF 134)				MDE Postsecondary Credit Agreement: 

Careers in Engineering

Aeronautical Engineer, Aerospace Engineer, Agricultural Technician, Architectural Engineer, Automotive Engineer, Biomedical Engineer, CAD Technician, Chemical Engineer, Civil Engineer, Communications Engineer, Computer Engineer, Computer Programmer, Construction Engineer, Electrical Engineer, Electronics Technician, Industrial Engineer, Mechanical Engineer, Product/Process Engineer, Survey Technician, Systems Engineer

Complete these courses to be considered a completer of the program.



CIP:
Engineering Technology 15.0000