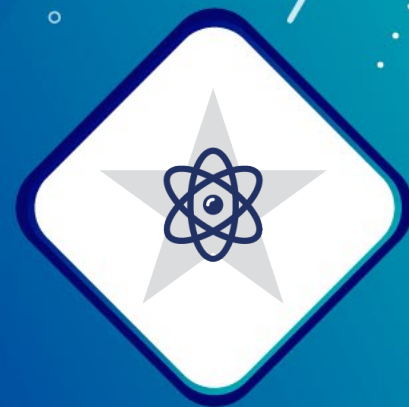


Engineering Foundations



**SCIENCE, TECHNOLOGY, ENGINEERING & MATH ENDORSEMENT or
BUSINESS & INDUSTRY ENDORSEMENT**

The Engineering Foundations program of study focuses on occupational and educational opportunities associated with a wide range of skills applied in the Engineering industry. Students will design, test, and evaluate projects related to engines, machines, and structures. This program of study includes applying scientific, mathematical, and empirical evidence to solve problems through innovation, design, construction, operation, and maintenance of different engineering systems.

Level 1	7900 Introduction to Engineering Design (PLTW)
Level 2	7975 Robotics I
Level 3	7921 Aerospace Engineering (PLTW) 7911 Digital Electronics 7920 Civil Engineering and Architecture (PLTW) 7910 Engineering Science
Level 4	7940 Engineering Design and Development 7976 Practicum in Robotics 7496 Independent Study Mentorship