

Electrical Engineering



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

The Electrical Engineering program of study focuses on occupational and educational opportunities associated with the design, development, testing, and supervision of electrical equipment and systems. Students will design, test, and evaluate projects related to electrical motors, radar, navigation systems, and communication systems. This program study includes applying scientific, mathematical, and empirical evidence to solve problems in electrical systems associated with instruments, facilities, components, and equipment.

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