

# Mechanical and Aerospace Engineering



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

The Mechanical and Aerospace Engineering program of study focuses on occupational and educational opportunities associated with the design, development, maintenance, and testing of engines, machines, and structures related to aircraft and spacecraft. Students will design, test, and evaluate projects related to aerodynamics, structural, and mechanical design. This program study includes applying scientific, mathematical, and empirical evidence to solve problems related to navigation, mechanics, robotics, propulsion, and combustion.

<b>Level</b> 1	N/A
<b>Level</b> 2	<b>7900</b> Introduction to Engineering Design (PLTW)
<b>Level</b> 3	<b>7921</b> Aerospace Engineering (PLTW) <b>7910</b> Engineering Science
<b>Level</b> 4	<b>7940</b> Engineering Design and Development <b>7496</b> Independent Study Mentorship