

# OVERVIEW

The Engineering Foundations program focuses on the design, development, and use of engines, machines, and structures. Students will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.

## AVAILABLE INDUSTRY CERTIFICATIONS

Students have the opportunity to earn Industry Based Certifications. These certifications help students stand out in interviews, help students gain confidence in a subject area, and give students valuable experience in preparing for the level of rigor required for industry certification exams they may face in the future.

### **Autodesk Certified User AutoCAD**

Students who enroll in Engineering Design and Presentation I have the opportunity to earn this certification.

### **Autodesk Certified User Inventor**

Students who enroll in Engineering Science have the opportunity to earn this certification.