

FOOTHILL HIGH SCHOOL

ENGINEERING COURSES

1

Intro to Engineering Design

* Meets 'F' Fine &
Performing Arts
Requirement

2

Principles of Engineering

* Meets 'G' College
Elective Requirement

3

Engineering, Design, & Development

* Meets 'G' College
Elective Requirement

ENGINEERING & MANUFACTURING PATHWAYS

The Engineering and Manufacturing Pathways allow students to explore mechanical, electrical, and computer engineering and manufacturing. These 3-course pathways are a hands-on, project-based, learn-by-doing set of courses that help prepare students for a future in Engineering and Manufacturing Technology. Students can choose a focus beyond the first course or complete both as scheduling permits. The Manufacturing pathway offers the business-recognized SolidWorks Associate Certification.

MANUFACTURING COURSES

1

Intro to Engineering Design

* Meets 'F' Fine &
Performing Arts
Requirement

2

Computer Integrated Manufacturing

* Meets 'G' College
Elective Requirement

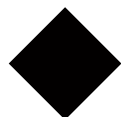
3

Manufacturing and Product Development

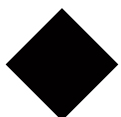
* Meets 'G' College
Elective Requirement



Courses meet A-G college admission requirements*



Careers in Engineering and Manufacturing: Industrial Engineer, Mechanical Engineer, Machinist, Welder, Production and Control Manager



Complete the pathway course sequence and earn CTE Honors at graduation



Contact your counselor to enroll or visit Tustin Unified's College and Career Readiness site for more information

Career Technical Education (CTE) is a program of study that involves an industry specific sequence of courses that integrate core academic knowledge with technical and occupational skill to provide students with a pathway to postsecondary education and in-demand careers. TUSD is proud to offer hands-on, career ready pathways that prepare students for high skill, high wage jobs of the future.

