



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

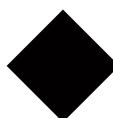
Computer
Integrated
Manufacturing

* 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.