



CTE PATHWAY COURSES

Intro to Engineering Design ¹

*Meets 'F' Fine & Performing Arts Requirement

Intro to Product Design & Engineering ²

*Meets 'G' College Elective Requirement

Principles of Engineering ³

*Meets 'G' College Elective Requirement

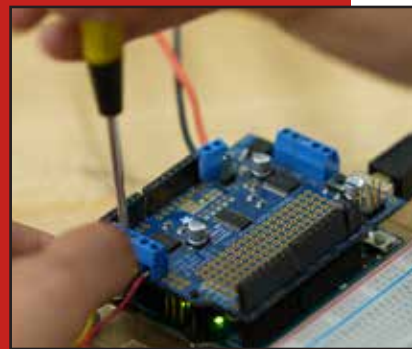
Engineering, Design, & Development ⁴

*Meets 'G' College Elective Requirement

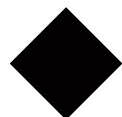
ENGINEERING PATHWAY

ENGINEERING & ARCHITECTURE

The T-Tech Engineering Pathway is a four-year course sequence where science, math, and technology are brought to life as students apply their knowledge and skills through innovative hands-on projects. Students explore the multiple facets of engineering including mechanical, electrical, computer engineering, and manufacturing. Classroom and workshop skill development includes 2D drafting, 3D Computer Aided Design and Modeling, 3D printing, robotics, and key 21st century skills. Students apply their skills in competitions and interview for a coveted internship at Boeing.



Courses meet A-G college admission requirements*



Careers in Engineering: Electrical Engineer, Industrial Engineer, Aerospace, Advanced Manufacturing



Complete the pathway course sequence and earn CTE Honors at graduation



Contact your counselor to enroll or scan QR code to visit the Engineering website 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.