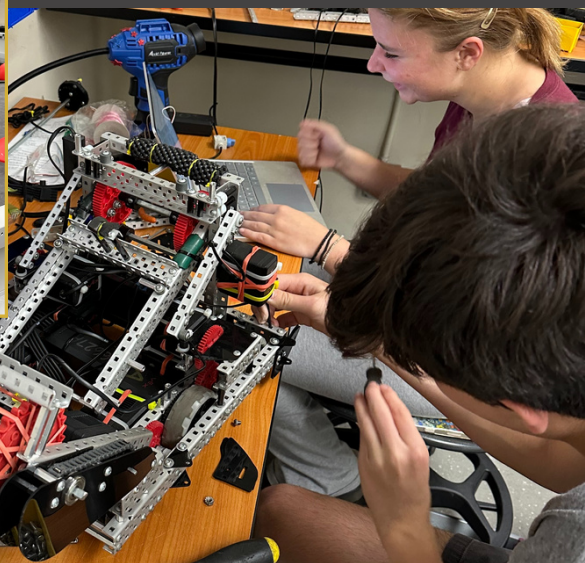
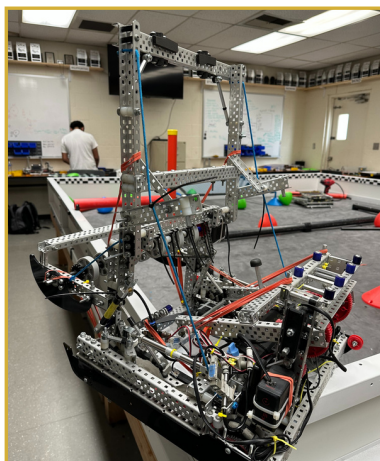


FOOTHILL HIGH SCHOOL

ROBOTICS PATHWAY



The robotics pathway allows students to explore the complexities of competitive robotics through the VEX Robotics competition platform. The two-course pathway is a hands-on, project-based, learn-by-doing set of courses that cover ideas and concepts to compete in VEX Robotics tournaments that include:

- Robotic mechanics, electronics, and programming
- Solidworks - CAD
- 3D Printing
- Design Process and Engineering Note-booking
- Team Collaboration, Communication, and Cohesiveness
- Interviewing Techniques

CTE PATHWAY COURSES

- 1 ROBOTICS ENGINEERING
- 2 ADVANCED ROBOTICS (UC-G)

CTE PATHWAY HIGHLIGHTS

- COMPETE IN LOCAL AND REGIONAL TOURNAMENTS TO EARN A SPOT IN THE STATE AND WORLD CHAMPIONSHIPS
- EARN A CTE GRADUATION CORD FOR SUCCESSFUL PATHWAY COMPLETION
- RISING PATHWAY JUNIORS ARE ELIGIBLE FOR INTERNSHIPS



**CONTACT YOUR COUNSELOR TO
ENROLL OR VISIT TUSD'S
COLLEGE & CAREER 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 skills to provide students with a pathway to postsecondary education and in-demand careers.