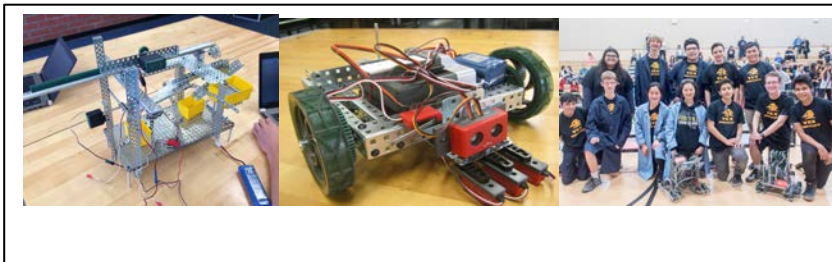


Robotics



The Robotics Pathway is a hands-on, project-based, learn-by-doing set of courses that helps prepare students for a future in Robotics or Engineering



	Pathway Course	English	Math	Social Studies	World Language	Science	PE
Year 1	Intro to Engineering Design	English 1 or English 1H	Alg 1 or Geometry	Elective	Spanish 1 or French 1 Or Latin 1	Biology	PE 1
Year 2	Principles of Engineering	English 2 or English 2H	Geometry or Alg 2	World History	Spanish 2 or French 2 Or Latin 2	Chemistry	PE 2
Year 3	Computer Intergrated Manufacturing (Recommneded but not required)	English 3 or AP Eng Language	Alg 2 or Pre-Calc	US History	Elective	Physics	Elective
Year 4	EDD	English 4 or AP Eng Lit	Pre-Calc or Calculus	Government and Economics	Elective	Elective	Elective

External Activities & Experiences

- FHS Engineering Club
- OC STEM Fair
- VEX RoBotics Team
- LinkBot Challenge

Possible College Majors

- Robotics
- Computer Science
- Engineering
- Computer Engineer
- Robot Technician
- AI

Certifications / College Credit

- Autodesk Inventor
- CAD/CAM

Careers

- Programmer
- Engineer
- Robot Technician
- Quality Control
- Designer

*Please see your counselor for details on Honors or Advanced Placement courses available