

Engineering Pathway El Segundo High School

From launching space explorations to delivering safe clean water to communities, engineers find solutions to pressing problems and turn their ideas into reality.

PURPOSE

The Engineering Pathway provides an opportunity for 9th - 12th graders, especially underserved students, to step into the role of an engineer, adopt a problem-solving mindset and make the leap from dreamers to doers.

Student Benefits

- Confidence building and knowledge of engineering standards
- Engagement in compelling real-world challenges
- Project based learning
- Development and application of research, critical thinking and collaboration skills

Your Business Benefits

- Adopt Engineering Pathway/ Naming Rights
- Adopt Curriculum (Grade level Naming Rights)
- Internship/ Mentorship -
Classroom Speaking opportunities
- Invitation to Career Day

For more information on Pathway adoption benefits, please see the Community Partnership information sheet

CURRICULUM

Grade 9 -	Introduction to Engineering Design
Grade 10 -	Principles of Engineering & Aerospace Engineering
Grade 11 -	AP Computer Science Principles
Grade 12 - Capstone	Engineering Design & Development

CERTIFICATION REQUIREMENTS

1. Completion of additional four years of pathway curriculum
2. Completion of a Capstone Project with a team
3. College or Career plan
4. Interaction with Engineers from local businesses

Ed!
**El Segundo
Education
Foundation**

*For more information on sponsorships, contact Sasha Taylor, sasha@esedf.org