

ENGINEERING

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The Engineering Transfer program at Las Positas College is designed to prepare students to transfer to an engineering major at a four-year institution. The transfer program includes rigorous coursework from several different departments, including Engineering, Mathematics, Physics, Chemistry, and Computer Science. Although students study general engineering majors at Las Positas, students transfer to specific engineering departments at four-year institutions.

The Engineering Technology program at Las Positas College is a two-year degree pathway resulting in an A.S. in Engineering Technology. This cohort-based learning community is designed as a strong local employment pathway for military veterans and others who want a hands-on engineering career with a focus on mechanical technology in an applied setting. Students receive foundational training in engineering, mathematics, physics, and welding, and develop skills in manufacturing and fabrication, problem-solving, and critical thinking. An accelerated mathematics sequence advances students from intermediate Community model also delivers integrated career-readiness and support services. Eligible students have the opportunity to apply for a summer internship or work experience featuring valuable worksite activities, tours, hands-on training, and job-shadowing opportunities at a local engineering company or national laboratory. Graduates of the Engineering Technology program may be employed as mechanical technicians, mechanical technologists, or in other applied engineering fields. Additional information on the Engineering Technology program can be found by contacting lpc-engrtech@laspositascollege.edu

Programs of Study

Degrees:

- [AS – Civil/Mechanical Engineering](#)
- [AS – Electrical Engineering](#)
- [AS – Electrical Engineering UC Pathway](#)
- [AS – Engineering](#)
- [AS – Engineering Technology](#)
- [AS – Mechanical Engineering UC Pathway](#)
- [AS – Software Engineering](#)

Certificates of Achievement:

- [Civil/Mechanical Engineering](#)
- [Electrical Engineering](#)
- [Electrical Engineering UC Pathway](#)
- [Engineering](#)
- [Engineering Technology](#)
- [Mechanical Engineering UC Pathway](#)
- [Software Engineering](#)

Career Opportunities

With further study, engineers are responsible for developing a range of projects and designs from “simple” everyday items (cell phones, appliances) to complex (satellites, medical imagery instrumentation). Engineering offers many discipline options, including Aerospace, Biomedical, Civil, Computer, Electrical, and Mechanical.