

What can I do with this major: Engineering

Engineers design the world around us. The Engineering Program offers three distinct pathways that include: Mechanical Engineering, Electrical Engineering, and Computer Engineering. Through these pathways, students will complete lower division engineering coursework needed to transfer to any CSU, UC, as well as many other in-state or out-of-state universities, to complete a Bachelor's degree in an Engineering discipline. Antelope Valley College also has an Engineering Transfer Agreement Pathway (ETAP) with the California State University, Long Beach Antelope Valley Engineering Program.

Degrees and Certificates offered at AVC

- ❖ **Engineering Fundamentals - Certificate** (non-transferable)
- ❖ **Computer Engineering - AS** (non-transferable)
- ❖ **Electrical Engineering - AS** (non-transferable)
- ❖ **Mechanical Engineering - AS** (non-transferable)

Work Industries and Employers

- | | |
|--|---|
| ❖ Professional, Scientific, Technical Services | ❖ Federal and State Government |
| ❖ Machinery Manufacturers | ❖ Transportation equipment manufacturing |
| ❖ Research and development | ❖ Computer and electronic product manufacturing |
| ❖ Semiconductor and other electronic component manufacturing | ❖ Aerospace product and parts manufacturing |

Possible Job/Career Titles

Associate Degree:

- ❖ Engineering technician

Bachelor Degree:

- ❖ Automotive Engineers
- ❖ Mechanical engineer
- ❖ Computer engineer
- ❖ Aerospace engineer
- ❖ Electrical engineer
- ❖ Petroleum Engineer
- ❖ Civil Engineer
- ❖ Nuclear Engineer
- ❖ Biomedical Engineer

The information reflected is intended to act as a tool for exploration. Please visit the [Career Center](#) for more specific information on majors and careers



Next Steps...

Connect with Professional Associations

Associations are a group of people who come together for a common purpose. You can find helpful information about jobs and careers.

- ❖ [Geeky Girl Reality](#)
- ❖ [American Society for Engineering Education \(ASEE\)](#)
- ❖ [Junior Engineering Technical Society \(JETS\)](#)
- ❖ [Society of Women Engineers \(SWE\)](#)
- ❖ [Accreditation Board for Engineering & Technology](#)
- ❖ [National Action Council for Minorities in Engineering](#)

Find CSU/UC Major Preparation (BA/BS)

- ❖ [CSU Long Beach-AV: Electrical Engineering B.S.](#)
- ❖ [CSU Long Beach-AV: Mechanical Engineering B.S.](#)
- ❖ [CSU Northridge: Civil Engineering B.S.](#)
- ❖ [CSU Northridge: Computer Engineering B.S.](#)
- ❖ [Cal Poly Pomona: Aerospace Engineering B.S.](#)
- ❖ [Cal Poly San Luis Obispo: Architectural Engineering B.S.](#)
- ❖ [Cal Poly San Luis Obispo: Biomedical Engineering B.S.](#)
- ❖ [UCLA: Electrical Engineering B.S.](#)
- ❖ ... and more! - <https://www.transferbound.com/>

Develop your Skills and Experience

- ❖ [AVC STEM Club](#)
- ❖ Jobs and Internships ([College Central Network](#))
- ❖ [Try Engineering Competitions, Internships, Projects and Scholarships](#)
- ❖ [National Society of Professional Engineers Student Resources](#)

View Additional Information

- ❖ [Occupational Outlook Handbook](#)
- ❖ [Candid Career Videos](#)
- ❖ [Assist](#): Student Transfer Information System
- ❖ [ONET](#) OnLine: Job and Career Exploration
- ❖ [Linkedin Alumni Tool](#)
- ❖ [Transfer Schools](#)