



ANTELOPE VALLEY COLLEGE

Engineering

Engineering Success

Engineers are creative problem-solvers who use science and math to come up with unique and practical solutions to everyday problems. They design and build airplanes, cars, roads, electrical grids, telecommunication grids, biomedical devices and computer motherboards, earning high paychecks accompanied with job security and great benefits.

At AVC, the Engineering program provides three future-focused degrees and one CSU-aligned transfer pathway for students interested in electrical, mechanical, and computer engineering. Students gain foundational skills in 2D and 3D computer aided design, statics, electric circuits, and strength of materials while completing coursework that is transfer-ready to most major universities in the country. Since most occupations in the field require education beyond a two-year degree, AVC in collaboration with CSU Long Beach offers local bachelor's degrees in electrical and mechanical engineering in an advanced facility sponsored also by the local aerospace industry and the Air Force Research Lab at Edwards Air Force Base.

After earning the necessary education, successful graduates can choose from a variety of careers in such fields as aerospace, biomedical, chemical, civil, computer, electrical, and mechanical engineering. If you're up for the challenge and want to put your math and creative skills to the test, a career in engineering might be for you!

Degrees & Certificates

- Engineering Transfer Agreement Pathway w/ CSU Long Beach
- Associate in Science - Electrical Engineering
- Associate in Science - Mechanical Engineering
- Associate in Science - Computer Engineering

Save time and money on a high-quality education while staying close-to-home!

Your career-focused degree in Engineering is waiting.

JUST CLICK APPLY: AVC.EDU

Questions? Call us! (661) 722-6342



Antelope Valley College Registration Office
3041 West Avenue K
Lancaster, CA 93536-54261



Futures Are Bright!

Number of **Strong Workforce Stars** AVC earned for excellence in career education.

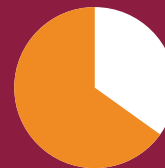


48.9%

of AVC students are the first in their family to attend college.

More Education = Lower Unemployment + Higher Wages

According to the US Department of Labor



65% of all future jobs will require **more education** than a high school diploma.

According to the National Skills Coalition



Demand for engineers is high in California, with job demand expected to grow by over 10% in many fields by 2026! In Antelope Valley the aerospace industry will have to fill more than 2000 engineering positions by 2026.



According to the US Department of Labor, there are 3,420 new job openings every year for civil engineers in California!

\$100,000+

The average salary for many engineers in California is over \$100,000, and with more experience, paychecks climb to over \$160,000!