



Engineering



**SAVE TIME AND MONEY
ON A HIGH-QUALITY
EDUCATION WHILE
STAYING CLOSE-TO-HOME!**

Your career-focused degree
in Engineering is waiting.
Call or visit us to get started today!

JUST CLICK APPLY: AVC.EDU

QUESTIONS? CALL US! (661) 722-6342

Salaries are Soaring!

Antelope Valley College Engineering students are succeeding in careers like these!

Aerospace Engineers \$122,960

Civil Engineers \$106,050

Mechanical Engineering \$101,430

Computer Engineers \$114,600

Careers listed require further education

AVC At-A-Glance

153 Degree & Certificate Program Options

3,543 Workforce-Ready Degrees & Certificates Awarded in 2018-19

2 Convenient Locations



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



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I like the hands on experience that our program provides. And the teachers are extremely knowledgeable and inspiring!

— **AVC Student**

The Future is Bright!

With demand for skilled, career-educated professionals growing faster than ever, there has never been a better time to get a future-focused degree or certificate from Antelope Valley College!

48.9%

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

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



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!

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**

Affording AVC

Paying for college can be tough. We can make it easier.

California College Promise Grant

Eligible, first-time students go to college for free!

Financial Aid

Grants, loans, and work-study employment from federal and state programs, as well as community organizations help lighten the load!

Scholarships

Hundreds of scholarships are available to students through the AVC Foundation and outside organizations!

Supporting Success

AVC students have access to these FREE services and more!

Academic & Career Counseling

Put your future on the fast track with the support and guidance of our qualified advising staff.

STAR Program

The Student Transition Academic Retention Program (STAR) program provides special services to support first-generation students.

Veterans Resource Center

Thank you for your service. Now let us serve you and your family as you pursue your educational objectives.

Guardian Scholars Foster Youth

A support system for foster youth designed to assist with common needs and concerns.

ARCHES Program

The At Risk Community for Homeless Educational Services (ARCHES) program provides support for students who are struggling to meet basic needs or experiencing homelessness.

Visit AVC.edu for information on Financial Aid and other FREE student services.