When are classes offered?
Courses are taught in the day and evening at the Diablo Valley College campus.

How long will it take to earn a degree or certificate?
Generally, students can complete the CAD certificate in one year. It takes two years to complete the courses required for the other certificates. Degree requirements may also be completed in two years of full-time study.

Engineering technology information:
Engineering Technology, Engineering, Architecture and Construction Department
jsmith@dvc.edu or visit www.dvc.edu/programs

Enrollment information:
DVC website: www.dvc.edu
Admissions Office: 925-685-1310
Counseling Office: 925-969-2140

last updated: 5-24-17
Why study engineering technology?

America’s workforce depends on people who understand technology and how to use it to improve the world around them. Engineering technicians have the knowledge and understanding of how things work and the ability to adapt to constant changes in technology. Engineering technology study prepares students for a challenging and rewarding career as an entry-level:

- Computer aided design drafter (CADD)
- CNC machine operator
- Field engineering
- Planning technician
- Engineering technician
- Quality control and inspection
- Research and development

What can I do with an engineering technology degree or certificate?

After a student has earned a certificate of achievement in one of the many areas of engineering technology, the options are almost limitless. Diablo Valley College engineering technology students can be found throughout the Bay Area working in both private and public industry. Cities and counties, water companies, planning departments, home building companies, and construction and architectural firms are just some of the businesses that hire engineering technicians.

Civil engineering technicians assist civil engineers research, plan and oversee the building of highways, buildings, bridges, dams, wastewater treatment systems, and other structures. Some estimate construction costs and specify materials to be used, and some may even prepare drawings or perform land-surveying duties.

“Engineering Technology degrees and certificates at DVC provide students with the latest job training skills and rewarding employment opportunities. In addition, Engineering Technology students at DVC can also further their knowledge with advanced educational classes offered within the Engineering, Architecture, or the Industrial Design fields.”  - Jeffrey G. Smith, Ed.D., Program Chair

What is the engineering technology program?

Engineering technology is the application of engineering principles and modern technology to help solve or prevent technical problems and is oriented toward the application of the theory and principles of science, engineering and mathematics. Engineering technology education provides a breadth and depth of knowledge that allows graduates to function as part of a team under the direction of engineers, architects or physical scientists. Diablo Valley College offers several certificates and an associate degree in engineering technology and computer aided design drafting CADD.

Engineering technicians work in research and development, build or set up equipment, prepare and conduct experiments, collect data, calculate or record results, and make prototype versions of newly designed equipment. Engineering technology deals with the same topics as engineering, but the knowledge is more applied, as opposed to theoretical knowledge. The mathematics and sciences, as well as the technical courses, in technology programs are taught with more application based examples. Engineering technology courses generally have labs associated with the courses that require hands-on applications of the studied topics.

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All of the classes required for the engineering technology certificates are fully transferable to many four-year colleges and universities. Diablo Valley College engineering instructors are familiar with the requirements for transfer to many of the four-year engineering technology programs and work closely with interested students to meet their transfer goals.

In California, the need for engineering related technicians is on the rise. According to the 2016 Bureau of Labor Statistics for California, the annual mean wage for Engineering Technicians is $70,820.