

When are classes offered?

GIS/GPS program courses are offered in the evening and not every class is available every semester. The DVC GIS/GPS laboratory is equipped with current industry-standard GIS and GPS hardware and software.

How long will it take to earn a degree or certificate?

Generally, students take 24 to 30 months to complete the courses required for the certificate.



GEOGRAPHIC INFORMATION SYSTEMS

GLOBAL POSITIONING SYSTEM CERTIFICATE/DEGREE PROGRAM



GIS/GPS Department: 925-969-4214.

For program information or requirements go to:

www.dvc.edu/programs

Enrollment information:

DVC website: www.dvc.edu

Admissions Office: 925-685-1310

Counseling Office: 925-969-2140

last updated: 5-17

MISSION STATEMENT Diablo Valley College is passionately committed to student learning through the intellectual, scientific, artistic, psychological, and ethical development of its diverse student body. Diablo Valley College prepares students for transfer to four-year universities; provides career and technical education; supports the economic development of the region; offers pre-collegiate programs; and promotes personal growth and lifelong learning.

PERKINS STATEMENT This project was funded fully or in part by Carl D. Perkins Career Technical Education Act of 2006, awarded to Diablo Valley College and administered by the California Community Colleges Chancellor's Office. It is the policy of Diablo Valley College not to discriminate against any person on the basis of race, color, national origin, sex or disability in all of its educational and employment programs and activities.

PLEASANT HILL CAMPUS
321 Golf Club Road, Pleasant Hill, CA 94523

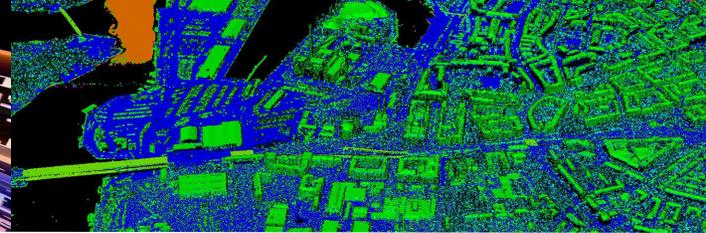
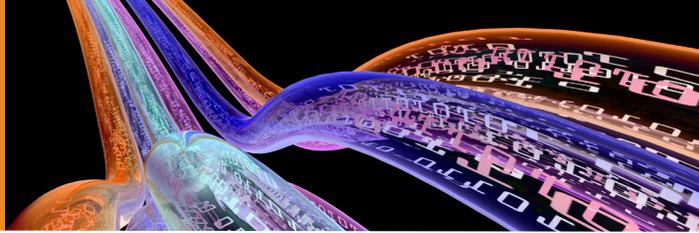
SAN RAMON CAMPUS
1690 Watermill Road, San Ramon, CA 94582

NON-DISCRIMINATION STATEMENT The district shall not discriminate based on ethnic group identification, race, color, age, citizenship, ancestry, religion, marital status, national origin, sex, sexual orientation, mental or physical disability, medical condition, veteran status, parental status, or because a student is perceived to have one or more of these characteristics



DVC
DIABLO VALLEY COLLEGE

There is a viable job market for GIS and GPS and these technologies will continue to find increasing application across a broad array of businesses and industries.



What is the GIS/GPS program?

Traditionally, maps have been used to explore the Earth and analyze its resources. Geographic Information Systems (GIS) technology, as an expansion of computer-based cartographic science, has enhanced the efficiency and analytic power of traditional mapping. Global Positioning System technology (GPS) provides spatial data that are essential to GIS operations. Over the past years, GIS and GPS have become closely integrated and are increasingly being used by government agencies, industries, and businesses that use spatial information.

Many occupations use GIS and GPS for applications ranging from resource allocation to market analysis. Some of the leading industries that use GIS and GPS are: surveying and mapping, urban and regional planning, civil engineering and transportation, parks and recreational services, utility services, emergency response systems, agriculture, forestry, environmental management, retail business, and property and real estate.

As a GIS/GPS student you will learn to:

- compile spatial data from a variety of sources including field survey, published reports and remote sensing resources;
- organize, manage, update and analyze spatial information using the current industry-standard software;
- design and update maps and databases;
- analyze geographic relationships among varying types of data, present information to users and seek solutions to spatial issues/problems.

Students will complete several projects and create a portfolio of their work.

Why study GIS/GPS?

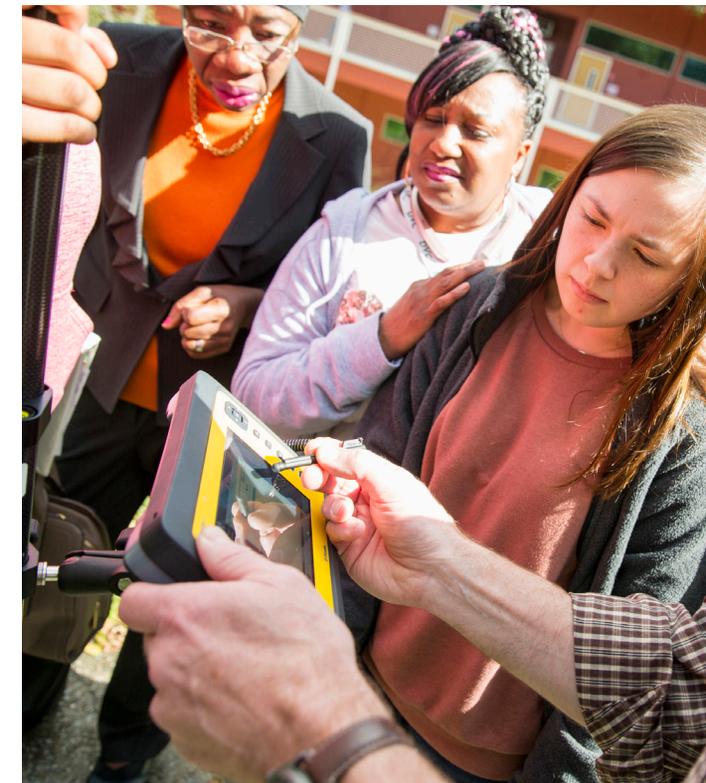
The GIS/GPS program prepares students for careers in fields that rely on the gathering and interpretation of geographic information such as: governmental agencies, public safety, public health, land use planners, architects and builders, retail businesses, industries, Non-Governmental Organizations (NGOs), environmental consultants, and utilities companies.

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

A growing number of industries are recognizing GIS and GPS as an integral part of their job. The latest labor market report indicates that there is a viable job market for GIS and GPS and these technologies will continue to find increasing application across a broad array of businesses and industries.

Students who have earned a certificate in the GIS/GPS program are prepared for entry to intermediate level positions in the GIS/GPS field.

Jobs are listed under a variety of titles, including GIS/GPS technician, GIS/GPS specialist, spatial/GIS analyst, surveyor, GIS coordinator, GIS supervisor and GIS manager, among others.



“Completing the GIS-GPS Certificate Program at DVC helped change the direction of my career. The program provides excellent training and networking opportunities, and really helped get my foot in the door of the local geospatial industry.” - Whitney Kirkendall, former student