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.

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
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.

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.

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.

“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

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.