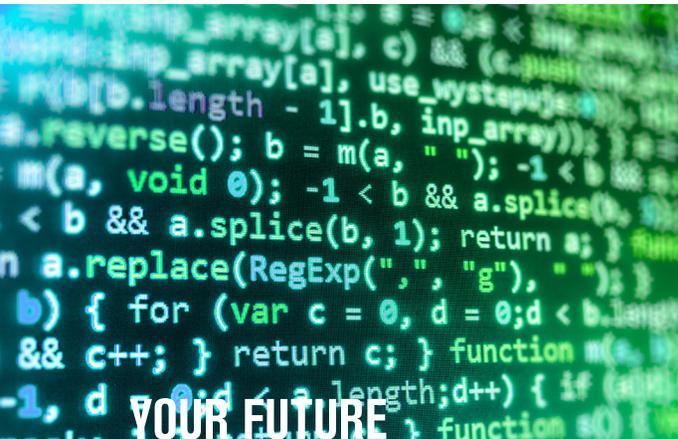


## When are classes offered?

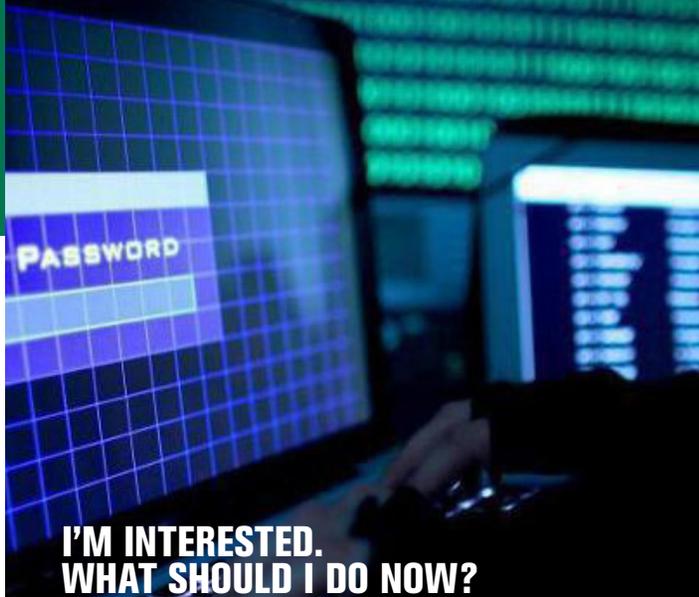
Computer science classes are taught in the days and evenings. Online, hybrid, short-term and summer courses are also available.

## How long will it take to earn a degree?

Generally, students take two years to complete the courses required for the degree.



**YOUR FUTURE  
BEGINS  
HERE!**



**I'M INTERESTED.  
WHAT SHOULD I DO NOW?**

Call the Math and Computer Science  
Division Office at:  
925-969-2688

or visit [www.dvc.edu/programs](http://www.dvc.edu/programs)

**www.dvc.edu**  
ADMISSIONS OFFICE: 925-685-1310  
COUNSELING OFFICE: 925-969-2140

*Last updated: 7-21-16*

**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

# COMPUTER SCIENCE

## DEGREE PROGRAM



**DVC**  
DIABLO VALLEY COLLEGE

The Diablo Valley College associate in science degree in computer science prepares students for a variety of programming and software support positions.



## What is the associate in science degree in computer science?

Computers have dramatically changed the way we live our lives today and the way we look toward the future. The need for qualified people to develop and program these computer systems is here to stay. The Diablo Valley College associate in science degree in computer science prepares students for a variety of programming and software support positions.

### As an A.S. degree candidate, you will gain an understanding of:

- programming
- problem solving
- data structures
- machine architecture
- broad-based general education
- virtualization security

### Students can also choose between the following areas of focus:

- Java
- C++



## Why earn an A.S. degree in computer science?

Students with a degree in computer science can look forward to a high-paying career with strong employment opportunities. The industry is rapidly growing and changing, creating new positions that are challenging and dynamic.

Students who have earned an A.S. degree in computer science are prepared for entry-level employment as a computer programmer, programmer's aide or software support technician.

Certificate programs generally provide students with the technical skills required to perform their required duties. However, they do not provide students with the broad-based knowledge (soft skills) that employers also desire. The A.S. in computer science degree is designed to provide students with both the technical and soft skills needed in a programming and software support area. By carefully selecting the elective courses, students may specialize in an area of their choosing. For those students

interested in transferring to a four-year college or university, many of the courses are transferable. Students should work closely with a counselor on transfer requirements.

## What can I do with an A.S. degree in computer science?

Job opportunities in computer science are challenging and diverse, and they can also be cyclical, making a degree more valuable than a certificate. Over all, the demand for individuals with a computer science background is expected to grow significantly throughout the next decade.

After a student has earned an A.S. degree in computer science, he or she is well prepared to go directly into entry-level employment in the computer programming field.

In the San Francisco Bay Area, salaries range from \$42,000 to \$50,000 for entry-level programmers and up to \$97,000 or more for more experienced programmers.



The A.S. in computer science degree is designed to provide students with both the technical and soft skills needed in a programming and software support area.