

What can I do with this major: Computer Science

Computer Science is one of the most sought-after degree programs in California Community Colleges, as well as the transfer institutions of California State Universities and University of California campuses. The popularity of this program stems from software developed for computer platforms on desktop PCs, notebooks, and mobile devices. The gaming industry has contributed to this exciting field with creating distinct and powerful games. This program is designed to provide students with programming skills in various languages, for transfer to four-year universities as well as gaining access into industries across the world.

Degrees and Certificates offered at AVC

- ❖ [Programming Fundamentals - Certificate](#) (non-transferable)
- ❖ [Computer Science - AST](#) (transferable)

Work Industries and Employers

- ❖ Computer Product Manufacturing
- ❖ Telecommunications
- ❖ Scientific Research and Development Services
- ❖ Public Administration Cluster
- ❖ Educational Services (state, local, private)
- ❖ Aerospace Products Manufacturing
- ❖ Start your own business

Possible Job/Career Titles

Certificates/Associate Degree:

- ❖ Programmer
- ❖ Technical Analyst
- ❖ Penetration Tester
- ❖ Web Developer

Bachelor Degree:

- ❖ Game Developer
- ❖ Database Administrator
- ❖ Network Administrator
- ❖ Software Engineer
- ❖ Computer Systems Analyst

The information reflected is intended to act as a tool for exploration. Please visit the [Career Center](#) for more specific information on majors and careers



Next Steps...

Connect with Professional Associations

Associations are a group of people who come together for a common purpose. You can find helpful information about jobs and careers.

- ❖ [Association for Computing Machinery](#)
- ❖ [IEEE Computer Society](#)
- ❖ [Computing Research Association](#)
- ❖ [CompTIA](#)
- ❖ [National Center for Women & Information Technology](#)

Find CSU/UC Major Preparation (BA/BS)

- ❖ [CSU Northridge: Computer Science B.S.](#)
- ❖ [CSU Channel Islands: Computer Science B.S.](#)
- ❖ [CSU Los Angeles: Computer Science B.S.](#)
- ❖ [CSU San Bernardino: Compute Systems B.A. \(Game Development\)](#)
- ❖ [UCLA: Computer Science B.S.](#)
- ❖ [UC Irvine Computer Science B.S.](#)
- ❖ ... and more! - <https://www.transferbound.com/>

View Additional Information

- ❖ [Computer Applications Program Flyer](#)
- ❖ [Occupational Outlook Handbook](#)
- ❖ [Candid Career Videos](#)
- ❖ [Assist](#): Student Transfer Information System
- ❖ [ONET](#) OnLine: Job and Career Exploration
- ❖ [Linkedin Alumni Tool](#)
- ❖ [Transfer Schools](#)

Develop your Skills and Experience

- ❖ Jobs and Internships ([College Central Network](#))
- ❖ [Lynda.com Courses](#)
- ❖ [CompTIA Association of Information Technology Professionals \(AITP\) Student Program](#)
- ❖ [Computer Technology Industry Association \(CompTIA\) Insight, Tools, Events and Training](#)