



COMPUTER INFORMATION SYSTEMS

YOUR TICKET INTO TECH



..... **Are you**
Detail-Oriented | Investigative | Collaborative



.....
www.berkeleycitycollege.edu/cis



**Math, Science,
and Technology**

Discover your community at BCC



**Math, Science,
and Technology**

Discover your community at BCC

Are you a logical thinker, tech enthusiast, or creative problem solver? Do you have a knack for pattern recognition? If you're interested in a highly-desirable skill set and a career path with extensive growth potential, then Computer Information Systems could be your **ticket into tech**.

GET STARTED

No matter where you are in your academic or professional career, the Computer Information Systems program at BCC is a great pathway for:

- **High School Students** who dream of being a part of the team that designs, programs, and tests the next release of their favorite video game, mobile app, or latest tech gadget
- **Adult Learners** who are exploring a change in career or want to learn a foundational skill set to boost their employability in the tech industry
- **Graduates** who could benefit from additional training and want to gain fluency in a specific coding language
- **Professionals** who want to advance their career in the tech industry with formal training in computer programming

PREPARE TO TRANSFER

Reach your goal of transferring to a 4 year university! Learn about our transfer agreements with UC campuses by talking to a counselor today or visit the Career and Transfer Center online at berkeleycitycollege.edu/transfer/



**HIGH
SCHOOL
STUDENTS**

Twice as Strong with DE at BCC

As a Dual Enrolled student, you can earn college credit while you finish high school. So don't wait—ask your guidance counselor, today!

Scan QR code
to learn more:



COMPUTER INFORMATION SYSTEMS CERTIFICATES & DEGREES

Looking to advance your career or launch a new career path with an affordable college degree? Our programs can get you where you need to be.

CREDIT



ADVANCED COMPUTER PROGRAMMING

Associate in Science (60 units)

Full-time status: 4 semesters or 2 calendar years

Cost: \$0-2,940*



APPLIED COMPUTER INFORMATION SYSTEMS

Associate in Science (60 units)

Full-time status: 4 semesters or 2 calendar years

Cost: \$0-2,940*



ADVANCED COMPUTER PROGRAMMING

Certificate of Achievement (34 units)

Full-time status: 3 semesters

Cost: \$0-1,666*



APPLIED COMPUTER INFORMATION SYSTEMS

Certificate of Achievement (32 units)

Full-time status: 2-3 semesters

Cost: \$0-1,568*

*The actual cost for a California resident depends on the financial aid status. (\$49 per credit unit)

Computer Information Systems



YOUR TICKET INTO TECH

Schedule an appointment with a BCC Counselor to learn more!
www.berkeleycitycollege.edu/counseling



Transfer Opportunities

- UC Berkeley
- UC Davis - TAG
- UC Santa Cruz
- San Jose State University
- San Francisco State University

ASSOCIATE DEGREES

ADVANCED COMPUTER PROGRAMMING Associate in Science

(60 units)

- Major requirements (34 units)
- GE and electives (26 units)



Earn General Education and Elective courses while completing the major units required to earn your Associate degree!

APPLIED COMPUTER INFORMATION SYSTEMS - Associate in Science

(60 units)

- Major requirements (32 units)
- GE and electives (28 units)



CIS Course Legend Transferable to UC System

- UC Berkeley - [1]
- UCLA - [2]
- UCSD - [3]
- UCSB - [4]
- UC Davis - [5]
- UC Santa Cruz - [6]
- UC Riverside - [7]
- UC Merced - [8]
- UC Irvine - [9]

CERTIFICATES

ADVANCED COMPUTER PROGRAMMING Certificate of Achievement (34 units)

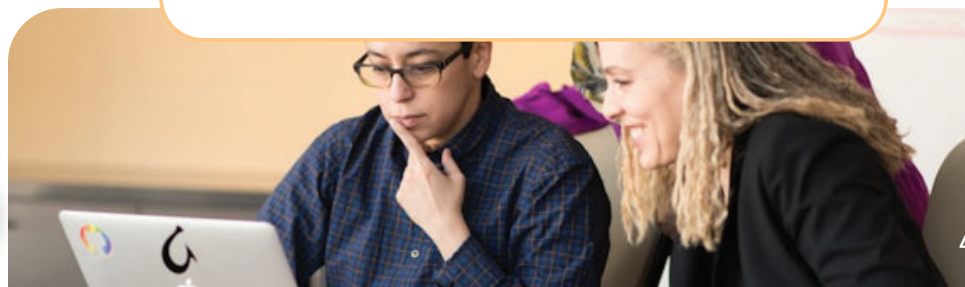
- CIS 6 Introduction to Computer Programming (5 units) [4, 5, 7, 8, 9]
- CIS 23 C# Programming (4 units) [8]
- CIS 27 Data Structures and Algorithms (4 units) [1, 4, 5, 6, 7, 8, 9]
- CIS 36A Java Programming Language I (4 units) [2, 3, 4, 5, 6, 7, 8, 9]
- CIS 36B Java Programming Language II (4 units) [5, 7, 8, 9]
- CIS 81 Systems Analysis with UML (3 units)
- CIS 82 Design Patterns (4 units)
- CIS 83B Computer Programming Capstone Project (3 units)
- BUS 19 Business Communications (3 units)



This map represents one possible pathway at BCC and is based on the 2025-2026 catalog.

APPLIED COMPUTER INFORMATION SYSTEMS Certificate of Achievement (32 units)

- CIS 1 Introduction to Computer Information Systems (4 units) [5]
- CIS 5 Introduction to Computer Science (5 units) [7]
- CIS 6 Introduction to Computer Programming (5 units) [4, 5, 7, 8, 9]
- CIS 42A Spreadsheet Applications I (2 units)
- CIS 42B Spreadsheet Applications II (2 units)
- CIS 86 Windows Operating Systems (4 units)
- CIS 105 Basic Mechanics of Web Page Design (1 unit)
- BUS 10 Introduction to Business (3 units)
- BUS 19 Business Communications (3 units)
- MMART 3 Introduction to Digital Art (3 units)



START HERE TO BUILD YOUR ACADEMIC & CAREER PATHWAY!

OCCUPATION OUTLOOK IN THE COMPUTER INFORMATION SYSTEMS FIELD

COMPUTER PROGRAMMERS

Overview

- ✓ Learn new coding languages
- ✓ Use problem-solving and critical thinking abilities or want to solve any complex technical challenges

Yearly Median Wage



Bay Area **\$120,550**
California **\$105,080**
United States **\$93,000**

Source: O*NET OnLine

Top Computer Programming Companies in CA



SOFTWARE DEVELOPERS

Overview

Whether you're working on a mobile application, improving professional software, or testing a video game, **software developers** offer a broad range of skill sets, including how to:

- ✓ Design and code programs—either of your own design or according to a design brief
- ✓ Create software packages within a coding language
- ✓ Use a development engine to provide pre-built functionality or modules

Occupation Outlook



26% increase
in new software
development jobs by 2031.

Source: Indeed.com

Yearly Median Wage



Bay Area **\$161,930**
California **\$140,510**
United States **\$120,730**

Source: O*NET OnLine

Top Software Development Companies in CA



Quick Guide to Community College Terminology

apprenticeship A work-based learning model where apprentices have supervised on-the-job training, along with job-related education, all while earning a wage that increases during the progression of the program.

Associate in Arts (AA)/Associate in Science (AS) An undergraduate degree requiring at least two years of full-time study and completion of 60-semester units, including major and GE courses.

Associate Degree for Transfer (AD-T) A specific set of courses required to transfer into an upper-division program at the CSU system as part of the junior class with guaranteed priority admission.

Certificate of Achievement (CA) A qualified credential noted on your official transcript upon completion of a series of courses of a specific subject or skill set. At minimum, 16 units, often connected to an Associate degree.

Certificate of Proficiency (CP) Smaller unit certificate related to a specific skill set or subject. Often part of a pathway to update a professional skill set or launch a new career.

co-requisite Courses required to be taken in tandem during the same term.

dual enrollment A program that allows students to take college courses while in high school and earn both high school and college credits simultaneously.

full-time status Enrollment in 12 units or more in a given term.

internship When a student works in an organization in order to gain work experience or satisfy requirements for a qualification. Internships can be paid or unpaid and help students make connections in professional fields they are considering for career paths.

lecture/lab hours Number of contact hours a lecture or laboratory course meets during a term

non-credit courses Intended for personal enrichment or to acquire a skill set, but not applicable toward a degree. No units are earned upon completion, but non-credit vocational certificates may be awarded upon completion of a series of classes in this category.

part-time status Enrollment in 11 or fewer units in a given term.

prerequisite Previous experience or course completions required for entry into another course.

Student Education Plan (SEP) Specific courses to enroll in each semester over a period of time, in order to meet the requirements of an educational goal, Associate Degree Transfer program (AD-T), or completion of Associate Degree (AA/AS).

unit Used synonymously with "credit", the value earned in a course.

APPLY ONLINE NOW!

Learn the steps to apply and enroll at BCC on our website at
<https://www.berkeleycitycollege.edu/get-started>



Scan QR code
to learn more



[berkeleycitycollege.edu](https://www.berkeleycitycollege.edu)



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