Build a strong foundation in computer programming

Computer programmers apply their high-tech skills to solve problems in a wide variety of fields, including science, business, industry, government, and education. With the right computer programming degree, you could start or enhance your career.

Program objectives

In addition to helping you deepen your understanding of computers and computer systems, this degree program will help you learn better problem-solving skills. You will study several programming languages, database design and administration, and programming for the Internet. Prospective students should have an aptitude for mathematics and logic and an interest in analysis and deduction.

This computer programming associate’s degree will help you develop the skills you need to keep expanding your professional expertise, including learning additional new computer languages.

Why choose California College San Diego?

California College San Diego provides the degree you need for the career you want—on your terms and on your schedule. You can go to class days or evenings, whichever works best for you, and get the flexibility of hybrid classroom or online1 courses.

Our degree programs are career-focused, without elective courses that you don't need or want. Complete your associate's degree in as few as 20 months!

And, because California College San Diego is smaller than most traditional colleges and universities, you can get more personalized attention and support from your instructors, tutors, advisors, and deans when you need it.

Skills gained

- Programming languages
- Database design and administration
- Programming for the Internet
- Problem solving

Possible careers

- Computer programmer
- Web developer
- Computer support specialist

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1 Online programs are offered by our affiliated institution, Independence University.

For graduation rates, the median debt of students who completed the programs, and other data, visit cc-sd.edu/student-information.

California College San Diego admits students of any race, color, and national or ethnic origin.
Computer Fundamentals 3.5
Databases 3.5
Psychology of Motivation 4.0
Professional Development 4.0
Computer Law 4.0
Management Principles 4.0
Entrepreneurship 4.0
Networking Concepts I 3.5
Introduction to Operating Systems 4.0
Solution Concepts 3.5
Programming Logic and Design I 3.5
Programming Logic and Design II 3.5
Web Page Programming I 3.5
Database Programming I 3.5
Programming Concepts I 3.0
.NET Programming I 3.0
Database Programming II 3.0
Web Page Programming II 3.5
Web Page Programming III 3.0

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See college catalog for official program information.