

COMPUTER SCIENCE

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Las Positas College offers Degrees and Certificate programs in Computer Science that prepare students for direct job entry and/or preparation for transfer to a four-year university. These programs cover a wide range of computer related professions that include programming, systems analysis, data processing, computer research and data management. Students will learn to direct computer operations by writing detailed instructions in computer languages to solve a variety of problems in business, government, and science. These include information acquisition, processing storage, and transmission, using computers and computer peripherals. Principal areas of study within computer science include computer systems and networks; database systems; human factors; numerical analysis; programming languages; software engineering and theory of computing.

Programs of Study

Degrees:

- [AS – Computer Science](#)

Certificates of Achievement:

- [Artificial Intelligence](#)
- [Computer Programming](#)
- [Computer Programming for the Web](#)
- [Management Information Systems](#)
- [Red Hat Administration](#)

Career Opportunities

Include but are not limited to: Programmer, Programmer/Analyst, Business Analyst, Systems Analyst, Computer Scientist, Information Technologist, Information Systems Professional, Information Technology Professional, Programming Professional, Software Developer, or Software Engineer.