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Computer Information Systems
Hardware/Software Design
Internet Technology
Computer Science



COMPUTER TECHNOLOGIES

Start your computer technologies career at Cayuga

Cayuga can help you prepare for a broad range of computer technologies careers including:

- Systems Analyst
- Systems Administrator
- Database Administrator
- Network Administrator
- Project Manager
- Web Designer/Developer
- Help Desk Support
- Tech Support/Technician
- Programmer
- Software Engineer
- Computer Hardware Engineer
- Games Design or Programmer

Computing careers are ranked among the fastest growing and in the highest demand by the U.S. Dept. of Labor. Computing careers are diverse, extending into all facets of industry, business, medicine, law, education, and entertainment. Cayuga offers different degrees for different levels of skills and interests. Each program builds a solid foundation of technology, problem-solving, and communication skills for entry-level careers and for further study. Students gain hands-on experience by applying theory to practical solutions.

Computer Information Systems

This program is for you if you'd like to use computers to support business operations such as ordering, inventory, payroll, and sales. Students take courses in programming (including Visual Basic, C/C++, and Java), systems analysis, database management, and networking. Students work on developing and designing software solutions and procedures that help businesses function efficiently.

Career Options

- Systems Analyst
- Project Manager
- Database Administrator

CIS Internet Technology Option

This program is for you if you want to develop applications and support business operations for the Internet. Businesses use Web applications to perform such functions as e-commerce, online auctions, webmail, blogs, and web services. In addition to courses in programming (including Visual Basic, C/C++, and Java), systems analysis, database management, and networking, students take courses in web design and development (HTML/CSS), Unix/Linux, and help desk.

Career Options

- Web Developer
- Web Programmer
- Network Administrator
- Network Support Specialist

Hardware/Software Design

This program is for you if you desire a comprehensive foundation in the design of both computer hardware and software. It combines the electronics of hardware design with the problem-solving and design skills of software design. Students take courses in digital computer circuitry and basic electronics as well as programming in Visual Basic, C/C++, and Java and networking.

Career Options

- Hardware Designer
- Software Designer/Programmer
- Network Technician or Administrator

Computer Science

This program is for you if you seek a program that focuses on math and science, building a foundation of programming and technical skills for transfer into a bachelor of science degree in computer science. Students take courses in math, science, and programming (including Visual Basic, C/C++, and Java) as well as the liberal arts courses necessary for transfer. Cayuga has established transfer agreements with several SUNY and private 4-year institutions.

Career Options

- Software Engineer
- Computer Engineer
- Games Programmer
- Technologies Research

Financial Aid and Scholarships

More than 85% of full-time Cayuga students receive financial aid. For more information visit www.cayuga-cc.edu/financial_aid

Student Housing

Lattimore Hall, privately owned and managed student housing, offers modern, dormitory-style accommodations just a short ride from the main campus. Visit www.lattimorehall.com for details.

For degree requirements and detailed course descriptions, view our catalog online at www.cayuga-cc.edu.

