

Information Technology

Cluster Definition

- Do you enjoy working with computers?
- Have you created your own webpage?
- Is mathematics a favorite subject?
- Are you organized and able to focus on details?
- Do you learn new computer programs quickly?

If you answered yes to two or more of the questions above, you might be interested in considering a career in information technology.

Information Technology (IT) is an area that is growing and always changing with new developments. In IT, you would be part of a cluster that continues to make an impact on society and individuals. You would have the opportunity to work in all types and sizes of businesses from Microsoft to your local hospital.

Employees in Information Technology work with computer hardware, software, multimedia, and network systems. In this cluster, you might design new computer equipment or computer games. Or you might make sure that the software or networks are working. In addition, you might have to make sure that people know how to use them. Or you might manage whole networks that link workers in all parts of the world.



Related High School Electives

Algebra II
Analytic Geometry
BASIC Programming
Business Computer Applications
Business Programming
Calculus
Computer Applications
Computer Programming
Computer Science

Computer Technology
Computer-Assisted Art
Electronics
Graphic Arts
Information Technology
Math Analysis
Network Technology
Pascal Programming
Physics
Pre-Calculus

Technical Writing
Trigonometry

[Computer and Information Systems Managers](#)

[Computer Engineers](#)

[Computer Network and Data Communications Analysts](#)

[Computer Programmers](#)

[Computer Security Specialists](#)

[Computer Support Specialists](#)

[Computer Systems Administrators](#)

[Computer Systems Analysts](#)

[Database Administrators](#)

[Web Developers](#)

Level of Education and Earnings

Associate Degree

	State Annual Median Wage		State Annual Median Wage
Computer Support Specialists	\$46,771	Web Developers	No state data

Bachelor's Degree

Computer Engineers	\$89,037 - \$98,131	Computer Systems Analysts	\$81,272
Computer Programmers	\$86,924	Computer Network and Data	\$80,727
Computer Security Specialists	\$75,547	Communications Analysts	
Computer Systems Administrators	\$75,547	Database Administrators	\$74,473

Work Experience Plus Bachelor's Degree or Higher

Computer and Information Systems Managers	\$123,522
---	-----------