

Career Pathway: Information Technology



A career in information technology requires certain skills and education depending on job requirements. Skills include building linkages in IT occupations for entry level, technical and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

Exposure Pathways

High School Courses

PLTW Computer Science Essentials PLTW Computer Science Applications
 PLTW Computer Science Principles PLTW Digital Electronics

High School Clubs & Organizations

Technology Club Robotics

Job Shadows & Internships

Quality Analyst Software Development
 Computer Technician Technology Support
 Information Tech Web Development
 IT/Help Desk

[Learn more & apply](#)

Experience Pathways

College CTE Courses in High School

PLTW Computer Science Essentials PLTW Computer Science Applications
 PLTW Computer Science Principles PLTW Digital Electronics

Kirkwood Career Academies

[Computer Software Development \(Coding\)](#)

Pursuit Pathways

Certificates/Diplomas

Database Technologies Web Design
 Java Programming Network Security
 Mobile App Development Network and System Administration
 .NET Programming PC Technician
 Healthcare IT Technician Desktop Customer Service
 Web Development

Careers & Median Salary Information

Statement Clerk Loan Counselor
 \$40,200 \$33,000
 Bill & Account Collector Bank Teller
 \$36,000 \$28,200

Associate Degrees

Computer Software Development Web Technologies
 Computer Support Specialist Network and System Administration
 Graphic Communication Technology

Careers & Median Salary Information

Computer Operator
 \$46,200

Bachelor Degrees

Technology Business Analytics & Information Systems
 Technology and Engineering Education Technical Communication
 Technology Management

Careers & Median Salary Information

Computer & Info. Systems Manger Database Administrator
 \$123,600 \$80,000
 Computer Hardware Engineer Software Developer
 \$85,600 \$88,000