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 Principles
- Database Technology
- Java Programming
- Mobile App Development
- .NET Programming
- Healthcare IT Technician
- Web Development

High School Clubs & Organizations
- Technology Club
- Robotics

Job Shadows & Internships
- Quality Analyst
- Computer Technician
- Information Tech
- IT/Help Desk

Experience Pathways

College CTE Courses in High School
- PLTW Computer Science Essentials
- PLTW Computer Science Principles
- PLTW Computer Science Applications
- PLTW Digital Electronics

Kirkwood Career Academies
- Computer Software Development (Coding)

Pursuit Pathways

Certificates/Diplomas
- Database Technologies
- Java Programming
- Mobile App Development
- .NET Programming
- Healthcare IT Technician
- Web Development

Associate Degrees
- Computer Software Development
- Computer Support Specialist
- Graphic Communication Technology

Bachelor Degrees
- Technology
- Technology and Engineering Education
- Technology Management

Careers & Median Salary Information
- Statement Clerk: $40,200
- Loan Counselor: $33,000
- Bill & Account Collector: $36,000
- Bank Teller: $28,200
- Computer Operator: $46,200

Careers & Median Salary Information
- Computer & Info. Systems Manager: $123,600
- Database Administrator: $80,000
- Software Developer: $88,000
- Computer Hardware Engineer: $85,600
- Technical Communication