



Central Mother Lode

Meta Major

INFORMATION & COMMUNICATION TECHNOLOGIES

>>> For more information on this resource, contact postsecondarypathways@WestEd.org

High Impact Skills

• COMMON SKILLS

Communications
Management
Customer Service
Operations
Problem Solving
Microsoft Excel
Troubleshooting

Detail Oriented
Clerical Works
Microsoft Office
Written Communication

• HARD SKILLS

SQL (Programming Language)
Java (Programming Language)
Software Engineering
Computer Science
JavaScript (Programming Language)

Software Development
Information Systems
Cascading Style Sheets (CSS)
Agile Software Development
Operating System



Education Pathways



- AVG. UNITS REQUIRED +

Certificate (6-18 Units)

- Computer Information Systems (CIS)
- Computer Networking
- Computer Programming
- Information SystemsMedia & Design
- Information Technology Technician
- Java Programming
- Media Arts
- Web Developer

Associate Degree/Associate Degree for Transfer*(60 Units)

- Computer Information Systems (CIS)
- Computer Networking
- Computer Programming
- Computer Science*
- Cyber Security Technology
- Information Systems
- Journalism*
- Multimedia
- Network Technician
- Web Developer

Bachelor Degree (120+Units)

- Computer Science
- Communication Studies
- Mass Communication & Journalism



Top Occupations



- AVG. STARTING ANNUAL SALARY +

Middle Skills Jobs

- Executive Secretary \$36,000
- Secretary/Administrative Assistant \$23,000

Associate Degree Jobs

- Technology User Support \$31,000

Bachelor Degree & Beyond Jobs

- Software Developer \$65,000
- Computer Systems Analyst \$50,000