2019-2020

**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

- CAD 1 & 2
- Computer Graphics 1 & 2
- Digital Imaging 1
- Inventor Basics
- 2D and 3D Art

#### High School Clubs & Organizations

- Robotics
- Technology Crew

### Experience Pathways

#### College CTE Courses in High School

- Intro to Computers
- PLTW-Computer Science Principle
- Computer Hardware Basics
- Fundamentals of Web Programming

### Pursuit Pathways

#### Certificates/Diplomas

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

#### Associate Degrees

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

#### Bachelor Degrees

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

### Job Shadows & Internships

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

### Kirkwood Career Academies

- Computer Software Development (Coding)

### Careers & Median Salary Information

<table>
<thead>
<tr>
<th>Statement Clerk</th>
<th>Loan Counselor</th>
</tr>
</thead>
<tbody>
<tr>
<td>$40,200</td>
<td>$33,000</td>
</tr>
<tr>
<td>Bill &amp; Account Collector</td>
<td>Bank Teller</td>
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<tr>
<td>$36,000</td>
<td>$28,200</td>
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<tr>
<td>Computer Operator</td>
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### Explore other Education & Training in the ICR Region

- Explore other Careers in the ICR Region