CAREER PATH OPPORTUNITY

INFORMATION TECHNOLOGY (IT)

WHAT OPPORTUNITIES ARE AVAILABLE?
The Information Technology field is quickly growing in Southeast Michigan, and these workers play a major role in technical, professional, software, and systems integration services across many industries. Occupations encompassed in information technology include Computer User Support Specialists, Computer Systems Analysts, Web Developers, and Network and Computer Systems Administrators.

2019 TOP POSTING EMPLOYERS
- Teksystems, Inc.
- Computer Task Group, Incorporated
- University of Michigan
- Robert Half International Inc.
- Oracle Corporation
- Anthem, Inc.
- Kelly Services, Inc.
- V2soft Inc.
- Kforce Inc.
- Ford Motor Company

WHERE WOULD I WORK?

TOP INDUSTRIES
- Computer Systems Design Services
- Custom Computer Programming Services
- Employment Placement Agencies
- Software Publishers
- Colleges, Universities, and Professional Schools
- Engineering Services
- Automobile Manufacturing
- General Medical and Surgical Hospitals
- Electronics Stores
- Direct Health and Medical Insurance Carriers

HOW MUCH COULD I EARN?

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Entry</th>
<th>Median</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer User Support Specialists</td>
<td>$13.13</td>
<td>$22.62</td>
<td>$37.58</td>
</tr>
<tr>
<td>Computer Systems Analysts</td>
<td>$25.29</td>
<td>$39.48</td>
<td>$60.09</td>
</tr>
<tr>
<td>Web Developers</td>
<td>$10.60</td>
<td>$29.20</td>
<td>$49.32</td>
</tr>
<tr>
<td>Network and Computer Systems Administrators</td>
<td>$24.72</td>
<td>$37.85</td>
<td>$57.27</td>
</tr>
</tbody>
</table>

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WHAT EDUCATION & SKILLS WILL I NEED?
Most information technology occupations require at least some college coursework, with most preferring a bachelor’s degree. Most job postings specifying education, or 44 percent of all ads, indicate a college degree. About seven percent prefer an associate degree, and certificates like the Microsoft Certified Professional are also in high demand.

WHAT AREAS OF STUDY SHOULD I CONSIDER?
In 2017, there were 2,708 information technology-related educational program completions, with Computer and Information Sciences, General having the highest completion number. General Computer Programming and Computer Engineering programs also had high number of completions, suggesting that many workers develop their most specialized skills on the job.

WHAT SKILLS SHOULD I DEVELOP?
- Java
- SQL
- JavaScript
- Microsoft Access
- Technical Support
- Management
- Troubleshooting
- Communications
- Problem Solving
- Operations

WHAT QUALIFICATIONS SHOULD I PURSUE?
- Microsoft Certified Professional
- Cisco Certified Network Associate
- Microsoft Certified Systems Engineer
- ITIL Certifications
- CompTIA Network+

WHAT ELSE SHOULD I KNOW?
You may start your career as a Computer User Support Specialist, or possibly as a Web Developer, as both occupations require less than a college degree and provide valuable experience. Salary approximations for IT occupations can range from $21,000 to over $120,000 with education and experience.

IS THIS FIELD EXPECTED TO GROW?
3% GROWTH PROJECTED BY 2023

HOW DO I GET STARTED?
For more information on how to start your career in information technology visit www.micareertraining.org.