Information Technology Pathway Model

**Start Pre-IT**
As early as grade 7 (based on readiness)

**Computer User Support Specialist**
- Salary: $42,750
- Job Growth (10 yr): 13.4%
- Annual Openings: 949
- Average Tuition: $0 - $4,000

**Network and Computer Systems Administrator**
- Salary: $65,150
- Job Growth (10 yr): 23.1%
- Annual Openings: 586
- Average Tuition (4 yr): $39,700

**Computer Hardware Engineer**
- Salary: $87,780
- Job Growth (10 yr): 8.2%
- Annual Openings: 31
- Average Tuition (4 yr): $39,700

Workplace Visits
- Job Shadow
- Internship

Supervised Experience
- Work

Internship
- Work

Provided by middle schools, high schools, employers, Ohio Tech Centers, and Colleges.

**Preparing students for multiple options after high school:**
- gainful employment and/or post-secondary study.

HometownOpportunity.com
## Secondary Pathway: Network Systems

## Postsecondary Program: Computer Networking

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Operating Systems &amp; Software</th>
<th>Computer Hardware Support</th>
<th>Cisco I: Networking Technologies</th>
<th>Networking Fundamentals</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Semester</td>
<td>English</td>
<td>Algebra I</td>
<td>Science</td>
<td>Social Studies</td>
<td>Fine Arts</td>
</tr>
<tr>
<td>1st Semester</td>
<td>English</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>US Gov't &amp; Economics</td>
<td>Foreign Language</td>
</tr>
<tr>
<td>2nd Semester</td>
<td>English</td>
<td>Trigonometry</td>
<td>Physics</td>
<td>Psychology</td>
<td>Foreign Language</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 2</th>
<th>Intro to Business</th>
<th>Technical Writing</th>
<th>Cisco III: LAN Switching &amp; Wireless</th>
<th>Math</th>
<th>Natural Science Elective</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Semester</td>
<td>Professional Success Strategy</td>
<td>Networking Capstone</td>
<td>Cisco IV: WAN Technologies</td>
<td>Arts &amp; Humanities</td>
<td>Social Science Elective</td>
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<tr>
<td>2nd Semester</td>
<td>Professional Success Strategy</td>
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</tr>
</tbody>
</table>

### High School CTE Program Courses

- **High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses**

- **Required Courses**

- **Recommended Electives**

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