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

Information Security Analyst
Salary: $82,870
Job Growth (10 yr): 15.7%
Annual Openings: 313
Average Tuition (4 yr): $39,700

Computer and Information Systems Manager
Salary: $109,560
Job Growth (10 yr): 14.6%
Annual Openings: 323
Average Tuition (4 yr): $39,700

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

Preparation for multiple options after high school:
Gainful employment and/or post-secondary study.

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## Secondary Pathway: Information Services and Support

### Courses with Secondary & Post-Secondary Credits

<table>
<thead>
<tr>
<th>Year 1 1st Semester</th>
<th>Year 1 2nd Semester</th>
<th>Year 2 1st Semester</th>
<th>Year 2 2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 8 English, Algebra I, Science, Social Studies, Fine Arts, Information Technology, Networking</td>
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<td></td>
</tr>
<tr>
<td>12 English, Trigonometry, Physics, Psychology, Foreign Language, Routing &amp; Switching</td>
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</tbody>
</table>

### Post-Secondary Program: Computer Science

<table>
<thead>
<tr>
<th>Year 1 1st Semester</th>
<th>Year 1 2nd Semester</th>
<th>Year 2 1st Semester</th>
<th>Year 2 2nd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>English, Algebra, College Seminar, Computer Applications, Programming Logic, Humanities Elective</td>
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<tr>
<td>Financial Accounting, Micro-economics, Project Management, Technical Elective, Natural Science Elective</td>
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<tr>
<td>Marketing Principles, Database Systems Programming, IT in Logistics, Computer Science Seminar, Computer Science Practicum, Technical Elective</td>
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</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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