Information Technology
Career Pathway

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

Web Developer
- Median Salary: $54,230
- Job Growth (10 yr): 15.7%
- Annual Openings: 313
- Average Tuition (1 yr): $0 – $3,900/yr

Computer Systems Analyst
- Median Salary: $76,210
- Job Growth (10 yr): 21.5%
- Annual Openings: 1,035
- Average Tuition (2 yrs): $3,900/yr

IT Project Manager
- Median Salary: $80,030
- Job Growth (10 yr): 1.7%
- Annual Openings: 186
- Average Tuition (4 yrs): $9,600/yr

Workplace Visits
Job Shadow
Internship
Work

Supervised Experience
--- Work

Supervised Experience
Internship
--- 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 postsecondary study.

👍 Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.
## Secondary Pathway: Interactive Media

### An Example of Courses with Secondary and Postsecondary Credits

<table>
<thead>
<tr>
<th>Secondary</th>
<th>7-8</th>
<th>English I</th>
<th>Algebra I</th>
<th>Physical Science</th>
<th>Social Studies</th>
<th>Fine Arts</th>
<th>Information Technology</th>
<th>Web Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10</td>
<td>English II</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
<td>Health (.5) PE (.5)</td>
<td>Design Techniques</td>
<td>Interactive Application Development</td>
<td>World Languages</td>
</tr>
<tr>
<td>11</td>
<td>English III</td>
<td>Algebra II</td>
<td>Chemistry</td>
<td>U.S. History</td>
<td>3D Techniques</td>
<td>World Languages</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>English IV</td>
<td>Trigonometry/Calculus</td>
<td>Physics</td>
<td>U.S. Government</td>
<td>Video &amp; Sound</td>
<td>IT Capstone</td>
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</tr>
</tbody>
</table>

### Postsecondary Program: Interactive Media

<table>
<thead>
<tr>
<th>Year 1 1st Semester</th>
<th>English</th>
<th>College Seminar</th>
<th>Biology</th>
<th>Principles of Interactive Design</th>
<th>Video and Sound Basics</th>
<th>Intro to Computer Design</th>
<th>HTML</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 2nd Semester</td>
<td>Visual Communication</td>
<td>Storyboarding</td>
<td>Audio Production I</td>
<td>Branding</td>
<td>CSS</td>
<td>Media Graphics &amp; Optimization</td>
<td>Intro to Humanities</td>
</tr>
<tr>
<td>Year 2 1st Semester</td>
<td>Flash I and II</td>
<td>Intro to Sociology</td>
<td>Audio Production II</td>
<td>JavaScript Fundamentals</td>
<td>Content Management &amp; Integration</td>
<td>Statistics</td>
<td></td>
</tr>
<tr>
<td>Year 2 2nd Semester</td>
<td>Advanced Flash III</td>
<td>Interactive Portfolio</td>
<td>Web Design Creation</td>
<td>Interactive Media Practicum</td>
<td>Creation-Encore</td>
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</tr>
</tbody>
</table>

### High School Career-Technical Education Program Courses

<table>
<thead>
<tr>
<th>High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Courses</td>
</tr>
<tr>
<td>Recommended Electives</td>
</tr>
</tbody>
</table>

Visit education.ohio.gov/CareerConnections for reference information.

Course titles and sequences will vary between schools.

07/2015