# Web and Digital Communications Pathway
## Information Technology Career Cluster

This Program of Study plan should serve as a guide in the development of secondary and post-secondary course planning for students. Courses listed within this plan are only recommended and are indicative of the courses needed to complete a Program of Study. The following items need to be considered:

- Courses in the arts and humanities are valued by post-secondary institutions for their cognitive benefits and in communicating and expressing the ideas and emotions of the human spirit.
- Post-secondary institutions have varying course requirements for admission including World Languages.

<table>
<thead>
<tr>
<th>Grade</th>
<th>English</th>
<th>Math</th>
<th>Science</th>
<th>Social Studies</th>
<th>Other Required Courses</th>
<th>Pathway Electives Recommended</th>
<th>Credit Review</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Credits</strong></td>
<td>4.0</td>
<td>3.0</td>
<td>3.0</td>
<td>3.0</td>
<td>2.0</td>
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<td></td>
</tr>
<tr>
<td><strong>Grade 9</strong></td>
<td>English 9 (1.0) &lt;br&gt; Enriched English 9 (1.0)</td>
<td>Algebra I (1.0)</td>
<td>Earth Science (0.5)</td>
<td>US History (0.5)</td>
<td>Level I Physical Education (0.5) &lt;br&gt; Health 9 (0.5)</td>
<td>Microsoft Office Suite (TC) (0.5) &lt;br&gt; Drawing I (0.5) &lt;br&gt; Desktop Publishing (0.5)</td>
<td>9-12</td>
</tr>
<tr>
<td><strong>Grade 10</strong></td>
<td>English 10 (1.0) &lt;br&gt; Enriched English 10 (1.0)</td>
<td>Geometry (1.0) &lt;br&gt; Enriched Geometry (1.0)</td>
<td>Biology (1.0)</td>
<td>World Studies (1.0) &lt;br&gt; AP European Studies (1.0)</td>
<td>Level II Physical Education (0.5)</td>
<td>Web Design Applications I (0.5) &lt;br&gt; Drawing II (0.5) &lt;br&gt; Print Graphics I (1.0)</td>
<td>9-12</td>
</tr>
<tr>
<td><strong>Grade 11</strong></td>
<td>English 11 (1.0) &lt;br&gt; AP Language &amp; Composition (1.0)</td>
<td>Algebra II (1.0) &lt;br&gt; Enriched Algebra II/Trigonometry (1.0)</td>
<td>Any elective that satisfies the Physical Science graduation requirement</td>
<td>Government (0.5) &lt;br&gt; AP United States Government and Politics (0.5)</td>
<td>Level III Physical Education (0.5)</td>
<td>Web Design Applications II (0.5) &lt;br&gt; Cartoon Animation (0.5) &lt;br&gt; Digital Applications (0.5) &lt;br&gt; Introduction to Computer Science (0.5)</td>
<td>11-12</td>
</tr>
<tr>
<td><strong>Grade 12</strong></td>
<td>English 12 (1.0) &lt;br&gt; AP Literature &amp; Composition (1.0)</td>
<td>Precalculus (1.0) &lt;br&gt; AP Statistics (1.0)</td>
<td>See post-secondary education institution for science requirements</td>
<td>Sociology/Social Issues (0.5) &lt;br&gt; Psychology (0.5) &lt;br&gt; AP Psychology (1.0) &lt;br&gt; AP Economics (0.5) &lt;br&gt; Economics (0.5)</td>
<td>Preparation for College and Business Communications (1.0) &lt;br&gt; Personal Law (0.5) &lt;br&gt; Student elective options will vary based on career interest.</td>
<td></td>
<td>11-12</td>
</tr>
</tbody>
</table>

**Course Code Key (see course catalog for further details)**
- AP Advanced Placement
- AS Advanced Standing
- TC Transcribed Credit
- YO Youth Options
- Credit Review
- Course is worth 0.5 credit
- Course is worth 0.5 credit (non-TC) or 0.75 credit (TC)
- Course is worth 1.0 credit

**Credits**
- Required Grades 9-12 ............15.0
- Minimum Electives................8.5
- Credits for Graduation ......23.5

**Other Related Courses and Activities (curricular, co-curricular, and extra-curricular)**
- Introduction to Engineering Design (1.0)
- Computer Integrated Manufacturing (1.0)
- Digital Electronics (1.0)
- Principles of Engineering (1.0)
- Photography I (1.0)
- World Languages
- Photography II (1.0)
- Yearbook I (1.0)
- Yearbook II (1.0)
- Introduction to Electricity and Wiring (0.5)
- Video Game Development (1.0)
- Commercial Art I (0.5)
- Commercial Art II (0.5)
- Print Graphics I (1.0)
- Print Graphics II (1.0)
- FBLA
- Skills USA
- Marketing I (1.0)
- Information Technology Youth Apprenticeship (1.0/yr)

Eau Claire Area School District

Modified: Spring 2017
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Advisement provided through Student Services office and post-secondary transfer credits determined by college admissions counselors.  
Postsecondary credit transfer information also available at [http://www.uwsa.edu/tis](http://www.uwsa.edu/tis)

*Please visit the web site of institutions listed below for any program updates.*

<table>
<thead>
<tr>
<th>Post-Secondary Options</th>
<th>Baccalaureate Degree</th>
<th>Associate Degree Programs</th>
<th>Certificate/License</th>
</tr>
</thead>
</table>
| **University of Wisconsin – Eau Claire** | University of Wisconsin – Eau Claire  
- Computer Science  
- Computer Science – Software Engineering | Chippewa Valley Technical College  
- Information Technology-Network Specialist  
- Information Technology-Programmer/Analyst | |
| **University of Wisconsin – Stout** | University of Wisconsin – Stout  
- Information Technology Management | | |

<table>
<thead>
<tr>
<th>Post-Secondary Options</th>
<th>Adult Apprenticeship, On-the-Job Training or Other</th>
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<tbody>
<tr>
<td></td>
<td><strong>Careers</strong></td>
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</tbody>
</table>
| | - Animator  
- Digital Media Designer  
- Instructional Technologist  
- Media Specialist  
- Multimedia Author  
- Multimedia Specialist |
| | **Employment Options** |
| | - Producer  
- Production Assistant  
- Streaming Media Specialist  
- Virtual Reality Specialist  
- Web Administrator |
| | - Web Architect/Designer  
- Web Designer  
- Web Developer  
- Web Producer  
- Webmaster |