



# 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.

Grade	English	Math	Science	Social Studies	Other Required Courses	Pathway Electives Recommended	Credit Review	
	Required Credits	3.0	3.0	3.0	3.0	2.0	Recommended Sequence for Pathway (may adjust yearly as needed) [Minimum- 8.5 elective credits needed for graduation]	Grade
<b>Grade 9</b>	<ul style="list-style-type: none"> <li>English 9 (1.0)</li> <li>-OR-</li> <li>Enriched English 9 (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Algebra I (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Earth Science (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>US History (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>Level I Physical Education (0.5)</li> <li>Health 9 (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>Microsoft Office Suite (TC) (0.5)</li> <li>Drawing I (0.5)</li> <li>Desktop Publishing (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>9-12</li> <li>9-12</li> <li>9-12</li> </ul>	4.0 Required 2.0 Elective 6.0 Total
<b>Grade 10</b>	<ul style="list-style-type: none"> <li>English 10 (1.0)</li> <li>-OR-</li> <li>Enriched English 10 (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Geometry (1.0)</li> <li>-OR-</li> <li>Enriched Geometry (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Biology (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>World Studies (1.0)</li> <li>-OR-</li> <li>AP European Studies (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Level II Physical Education (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>Web Design Applications I (0.5)</li> <li>Drawing II (0.5)</li> <li>-OR-</li> <li>Print Graphics I (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>9-12</li> <li>9-12</li> <li>9-12</li> </ul>	4.5 Required 1.5 Elective 6.0 Total
<b>Grade 11</b>	<ul style="list-style-type: none"> <li>English 11 (1.0)</li> <li>-OR-</li> <li>AP Language &amp; Composition (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Algebra II (1.0)</li> <li>-OR-</li> <li>Enriched Algebra II/Trigonometry (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Any elective that satisfies the Physical Science graduation requirement</li> </ul>	<ul style="list-style-type: none"> <li>Government (0.5)</li> <li>-OR-</li> <li>AP United States Government and Politics (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>Level III Physical Education (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>Web Design Applications II (0.5)</li> <li>Cartoon Animation (0.5)</li> <li>Digital Applications (0.5)</li> <li>Introduction to Computer Science (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>11-12</li> <li>9-12</li> <li>10-12</li> <li>9-12</li> </ul>	4.0 Required 2.0 Elective 6.0 Total
<b>Grade 12</b>	<ul style="list-style-type: none"> <li>English 12 (1.0)</li> <li>-OR-</li> <li>AP Literature &amp; Composition (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>Precalculus (1.0)</li> <li>-OR -</li> <li>AP Statistics (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>See post-secondary education institution for science requirements</li> </ul>	<ul style="list-style-type: none"> <li>Sociology/Social Issues (0.5)</li> <li>Psychology (0.5)</li> <li>-OR-</li> <li>AP Psychology (1.0)</li> <li>AP Economics (0.5)</li> <li>-OR-</li> <li>Economics (0.5)</li> </ul>		<ul style="list-style-type: none"> <li>Preparation for College and Business Communications (1.0)</li> <li>Personal Law (0.5)</li> </ul> <p><i>Student elective options will vary based on career interest.</i></p>	<ul style="list-style-type: none"> <li>11-12</li> <li>11-12</li> </ul>	2.5 Required 3.0 Elective 5.5 Total
<b>Course Code Key (see course catalog for further details)</b>			<b>28 Credits Possible</b>		<b>Other Related Courses and Activities (curricular, co-curricular, and extra-curricular)</b>			
AP Advanced Placement AS Advanced Standing TC Transcribed Credit YO Youth Options (0.5) Course is worth 0.5 credit (0.75) Course is worth 0.5 credit (non-TC) or 0.75 credit (TC) (1.0) Course is worth 1.0 credit			<b>Credits</b> Required Grades 9-12 ..... 15.0 Minimum Electives..... 8.5 <b>Credits for Graduation ..... 23.5</b>		<ul style="list-style-type: none"> <li>Introduction to Engineering Design (1.0)</li> <li>Computer Integrated Manufacturing (1.0)</li> <li>Digital Electronics (1.0)</li> <li>Principles of Engineering (1.0)</li> <li>Photography I (1.0)</li> <li>World Languages</li> <li>Photography II (1.0)</li> <li>Yearbook I (1.0)</li> <li>Yearbook II (1.0)</li> <li>Introduction to Electricity and Wiring (0.5)</li> <li>Video Game Development (1.0)</li> <li>Commercial Art I (0.5)</li> <li>Commercial Art II (0.5)</li> <li>Print Graphics I (1.0)</li> <li>Print Graphics II (1.0)</li> <li>FBLA</li> <li>Skills USA</li> <li>Marketing I (1.0)</li> <li>Information Technology Youth Apprenticeship (1.0/yr)</li> </ul>			



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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>

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

Post-Secondary Options	Baccalaureate Degree	Associate Degree Programs		Certificate/License
	<p><u>University of Wisconsin – Eau Claire</u></p> <ul style="list-style-type: none"> <li>• Computer Science</li> <li>• Computer Science – Software Engineering</li> </ul> <p><u>University of Wisconsin – Stout</u></p> <ul style="list-style-type: none"> <li>• Information Technology Management</li> </ul>	<p><u>Chippewa Valley Technical College</u></p> <ul style="list-style-type: none"> <li>• Information Technology-Network Specialist</li> <li>• Information Technology-Programmer/Analyst</li> </ul>		
	<p><b>Adult Apprenticeship, On-the-Job Training or Other</b></p>	<p><b>Employment Options</b></p>		
	<p><b>Careers</b></p> <ul style="list-style-type: none"> <li>• Animator</li> <li>• Digital Media Designer</li> <li>• Instructional Technologist</li> <li>• Media Specialist</li> <li>• Multimedia Author</li> <li>• Multimedia Specialist</li> </ul>		<ul style="list-style-type: none"> <li>• Producer</li> <li>• Production Assistant</li> <li>• Streaming Media Specialist</li> <li>• Virtual Reality Specialist</li> <li>• Web Administrator</li> </ul>	<ul style="list-style-type: none"> <li>• Web Architect/Designer</li> <li>• Web Designer</li> <li>• Web Developer</li> <li>• Web Producer</li> <li>• Webmaster</li> </ul>