



# Telecommunications Pathway



## Arts, Audio/Video Technology and Communications 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	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>• Introduction to Electricity and Wiring (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>• 9-12</li> </ul>	4.0 Required <u>2.0</u> 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>• Introduction to Computer Science (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>• 9-12</li> </ul>	4.5 Required <u>1.5</u> 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 course 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>• Computer Hardware (TC) (0.5)</li> <li>• Entertainment Technology (1.0)</li> </ul>	<ul style="list-style-type: none"> <li>• 9-12</li> <li>• 9-12</li> </ul>	4.0 Required <u>2.0</u> 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>• See post-secondary education institution for math requirements</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>-OR-</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>• Personal Law (0.5)</li> </ul>	<ul style="list-style-type: none"> <li>• 11-12</li> </ul>	2.5 Required <u>3.0</u> 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..... <u>8.5</u> <b>Credits for Graduation .....23.5</b>		<ul style="list-style-type: none"> <li>• Accounting I (0.5)</li> <li>• Entrepreneurship (TC) (0.5)</li> <li>• Microsoft Office Suite (TC) (0.5)</li> <li>• Drawing I &amp; II (0.5)</li> <li>• World Languages</li> <li>• Digital Electronics (1.0)</li> <li>• Introduction to Electricity &amp; Wiring (0.5)</li> <li>• Introduction to Engineering Design (1.0)</li> <li>• FBLA</li> <li>• Skills USA</li> <li>• School Play/Musical Technician</li> <li>• Art, A/V Technology, &amp; Communications Youth Apprenticeship (1.0)</li> </ul>				
				School District <span style="float: right;">Modified: Spring 2017</span>				

High School



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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	
	<u>University of Wisconsin – Stout</u> • Information and Communication Technologies: Network	<u>University of Wisconsin – Platteville</u> • Communication Technologies  <u>Viterbo University</u> • Visual Communication	<u>Wisconsin Indianhead Technical College</u> • Telecommunications Technologies (Diploma)	<u>Madison Area Technical College</u> • Visual Communications		
	Adult Apprenticeship, On-the-Job Training or Other		Employment Options			
		Careers				<ul style="list-style-type: none"> <li>• Customer Service Representative</li> <li>• Network Designer</li> <li>• Sales Representative</li> <li>• Systems Designer</li> <li>• Telecommunication Computer Programmer and Systems Analyst</li> <li>• Telecommunication Equipment: Cable, Line Repairer and Installer</li> <li>• Telecommunication Technician</li> </ul>