

High School to College and Career Pathway: Secondary

Area of Study: Information Technology Education



Pathway: Interactive Media Digital Media (Multimedia)

Middle School		State Requirements			High School Suggested Education Plan				College & Careers																																												
7 th Grade	8 th Grade	Middle School	Language Arts	High School	9 th Grade Suggested	10 th Grade Suggested	11 th Grade Suggested	12 th Grade Suggested	Beyond High School																																												
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts	4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	<p>There are a number of options for education and training beyond high school, depending on your career goals.</p> <ul style="list-style-type: none"> > Certificate > Associate degree > Bachelor's degree > Professional degree > On-the-job training > Apprenticeship > Military training <p>Digital Media is:</p> <ul style="list-style-type: none"> > High skill > High wage > High demand > Nontraditional for females <p>Sample Occupations</p> <ul style="list-style-type: none"> > 3D Animator > Information Technology Education Teacher > Instructional Designer > Multimedia Artist > Multimedia Designer > Multimedia Developer > Multimedia Engineer > Product Manager > Web Administrator > Web Developer <p>For more information on salary projections, labor market demand, and training options, visit www.utahfutures.org.</p>																																												
Pre-Algebra 1.00	Elem. Algebra or Applied Math 1.00	2.00	Math	3.00	Geometry or Applied Math II 1.00	Intermediate Algebra 1.00	Computer Programming 1.00																																														
Science .50	Science 1.00	1.50	Science	3.00	Earth Systems 1.00	Biological Science 1.00	Additional credit 1.00																																														
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies	2.50	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50																																													
P.E. 1.00	Health .50	1.50	P.E./Health	2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50																																															
The Arts .50	The Arts .50	1.00	Fine Arts	1.50	Fine Arts Courses 1.50																																																
			Financial Literacy	.50			Financial Literacy .50																																														
Keyboarding .50			Computer Tech.	.50	Computer Technology .50																																																
CTE Intro 1.00		1.00	Career and Technical Education	1.00	Career and Technical Education Recommended Pathway Courses (Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.) CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL																																																
<p>Workforce Trends Multimedia is the field of the future and is rapidly growing. Because our global economy is driven by technology, multimedia has become one of the most in-demand fields around. With nearly 75% of Americans using the Internet and over 107 million domains registered worldwide, the demand for individuals skilled in interactive media is high.</p> <p>Get the Facts Multimedia programs combine art and technology to present text, images and sound in digital form.</p>		<p>Core Curriculum and elective requirements may vary district to district. Check with your school counselor.</p> <p>Concurrent enrollment course offerings vary by school and district.</p> <p>Foundation courses taken beyond the required credits can be used as elective credit.</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #e0f0ff;">Course #</th> <th style="background-color: #e0f0ff;">Foundation Courses: (required)</th> <th style="background-color: #e0f0ff;">Credit</th> </tr> </thead> <tbody> <tr> <td>11.0210</td> <td>Digital Media I</td> <td>1.00</td> </tr> <tr> <td colspan="3" style="text-align: center;"><i>Choose one of the following courses:</i></td> </tr> <tr> <td>11.0211</td> <td>Digital Media II</td> <td>1.00</td> </tr> <tr> <td>11.0215</td> <td>3D Graphics</td> <td>.50</td> </tr> <tr> <td>11.0216</td> <td>3D Animation</td> <td>.50</td> </tr> <tr> <td colspan="3" style="text-align: center;">Elective Courses:</td> </tr> <tr> <td>11.0101</td> <td>Information Technology, Introduction</td> <td>.50</td> </tr> <tr> <td>11.0201</td> <td>Computer Programming I</td> <td>1.00</td> </tr> <tr> <td>11.0230</td> <td>Web Development I</td> <td>1.00</td> </tr> <tr> <td>52.0254</td> <td>Business Web Design</td> <td>.50</td> </tr> <tr> <td>52.0264</td> <td>Business Web Design, Advanced</td> <td>.50</td> </tr> <tr> <td>08.0802</td> <td>e-Commerce</td> <td>.50</td> </tr> <tr> <td>32.0199</td> <td>Student Internship (Critical Workplace Skills)</td> <td>.50</td> </tr> </tbody> </table>				Course #		Foundation Courses: (required)	Credit	11.0210	Digital Media I	1.00	<i>Choose one of the following courses:</i>			11.0211	Digital Media II	1.00	11.0215	3D Graphics	.50	11.0216	3D Animation	.50	Elective Courses:			11.0101	Information Technology, Introduction	.50	11.0201	Computer Programming I	1.00	11.0230	Web Development I	1.00	52.0254	Business Web Design	.50	52.0264	Business Web Design, Advanced	.50	08.0802	e-Commerce	.50	32.0199	Student Internship (Critical Workplace Skills)	.50	}		2.00 credits
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					Many Utah post-secondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional post-secondary Pathways for details.																																																

Note: For more information, talk to your school counselor.