

High School to College and Career Pathway: Secondary

Area of Study: Skilled & Technical Sciences Education



Pathway: Precision Production Trades Graphics/Printing

Middle School		State Requirements			High School Suggested Education Plan				College & Careers																										
7 th Grade	8 th Grade	Middle School	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>Graphics/Printing is:</p> <ul style="list-style-type: none"> > High skill > High wage > Nontraditional for females <p>Sample Occupations</p> <ul style="list-style-type: none"> > Graphic Designer > Graphics/Printing Teacher > Printing Machine Operator <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	Additional credit 1.00																													
Science .50	Science 1.00	1.50	Science 3.00	Earth Systems 1.00	Chemistry 1.00 or Physics 1.00 or Physics with Tech. 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	<p>Career and Technical Education Recommended Pathway Courses</p> <p>(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)</p> <p>CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL</p> <table border="1"> <thead> <tr> <th>Course #</th> <th>Foundation Courses: (required)</th> <th>Credit</th> </tr> </thead> <tbody> <tr> <td>10.0301</td> <td>Introduction Graphic Communications</td> <td>.50</td> </tr> <tr> <td>10.0302</td> <td>Intermediate Graphic Communications</td> <td>.50</td> </tr> <tr> <td colspan="3">Elective Courses:</td> </tr> <tr> <td>10.0303</td> <td>Advanced Graphic Communications</td> <td>1.00</td> </tr> <tr> <td>10.0304</td> <td>Digital File Preparation</td> <td>1.00</td> </tr> <tr> <td>10.0305</td> <td>Introduction Screen Printing</td> <td>.50</td> </tr> <tr> <td>11.0210</td> <td>Digital Media I</td> <td>1.00</td> </tr> <tr> <td>32.0199</td> <td>Student Internship (Critical Workplace Skills)</td> <td>.50</td> </tr> </tbody> </table> <p>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.</p>			Course #		Foundation Courses: (required)	Credit	10.0301	Introduction Graphic Communications	.50	10.0302	Intermediate Graphic Communications	.50	Elective Courses:			10.0303	Advanced Graphic Communications	1.00	10.0304	Digital File Preparation	1.00	10.0305	Introduction Screen Printing	.50	11.0210	Digital Media I	1.00	32.0199	Student Internship (Critical Workplace Skills)	.50	
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<p>Workforce Trends</p> <p>Working conditions in paper and printing manufacturing plants have become less hazardous as the industry has become more automated. Companies now use fewer chemicals and solutions resulting in fewer equipment related accidents.</p> <p>Get the Facts</p> <p>The United States and Canada are the world's largest producers of paper and paper products. Per year, the average American consumes more than 700 pounds of paper.</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>A printing machine operator is a nontraditional occupation for women. IN 2007, 17.2 percent of the people employed in this occupation were women.</p>		<p>1.00 credits</p>																															
				<p>2.00 credit</p>																															
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Note: For more information, talk to your school counselor.