

High School to College and Career Pathway: Secondary

Area of Study: Skilled & Technical Sciences Education



Pathway: Precision Production Trades Cabinetmaking/Millwork

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>Cabinetmaking/ Millwork is:</p> <ul style="list-style-type: none"> > High demand > Nontraditional for females <p>Sample Occupations</p> <ul style="list-style-type: none"> > Cabinetmaker > Cabinetmaking/ Millwork Teacher > Carpenter > Carpenter Helper > Finish Carpenter > Foreman > Line Supervisor <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	Physics 1.00 or Physics with Technology 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>Workforce Trends Job prospects will be best for highly skilled workers and those with knowledge of computerized machine tool operation.</p> <p>Get the Facts Those individuals who work in the cabinetmaking/millwork occupation are highly skilled and require extensive on-the-job training. Mathematics, especially geometry, is an essential skill and computer skills are increasingly important.</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>This is a nontraditional occupation for women. In 2007, 6.5 percent of the people employed in this occupation were women.</p>		<p>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> <table border="1"> <thead> <tr> <th>Course #</th> <th>Foundation Courses: (required)</th> <th>Credit</th> </tr> </thead> <tbody> <tr> <td>48.0701</td> <td>Woodworking</td> <td>.50</td> </tr> <tr> <td>48.0702</td> <td>Furniture Design & Manufacturing</td> <td>1.00</td> </tr> <tr> <td colspan="3">Elective Courses:</td> </tr> <tr> <td>15.1301</td> <td>Drafting & Design Technology</td> <td>.50</td> </tr> <tr> <td>15.1302</td> <td>Drafting/CAD</td> <td>.50</td> </tr> <tr> <td>46.0201</td> <td>Carpentry 1</td> <td>1.00</td> </tr> <tr> <td>48.0703</td> <td>Cabinetmaking</td> <td>1.00</td> </tr> <tr> <td>52.0312</td> <td>Accounting I</td> <td>.50</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	48.0701	Woodworking	.50	48.0702	Furniture Design & Manufacturing	1.00	Elective Courses:			15.1301	Drafting & Design Technology	.50	15.1302	Drafting/CAD	.50	46.0201	Carpentry 1	1.00	48.0703	Cabinetmaking	1.00	52.0312	Accounting I	.50	32.0199	Student Internship (Critical Workplace Skills)	.50
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