

# CONSTRUCTION & WELDING CAREER PATHWAY EXAMPLES

ENTRY LEVEL TRADES	WELDING FABRICATION	CONSTRUCTION MANAGEMENT/TRADES
Woods Technology 1 & 2 Metals Technology 1 & 2 Building Industry Technologies – Core Plus Construction OR Welding Technology, Design & Fabrication	Woods Technology 1 & 2 Metals Technology 1 & 2 Welding Technology, Design & Fabrication 2-Hours	Accounting 1 & 2 Business Law Welding Technology 1 Woods Technology 1 & 2 Building Industry Technologies – Core Plus Construction

### Sample Construction Management/Trades 4-Year Plan

(Middle School courses that support this 4-year plan are indicated in the chart below.)

PERIOD	1	2	3	4	5	6	7	8	SAMPLE PATHWAY COLLEGE CREDITS
GRADE	LANGUAGE ARTS	SOCIAL STUDIES	SCIENCE	MATH	ELECTIVE	ELECTIVE	ELECTIVE		
6	x	x	x	x	Physical Education		<i>Applied Engineering</i>		<p><b>Renton Technical College = 7 college credits</b> Building Industry Technologies - Core Plus Construction -- CONST 160 = 3 credits &amp; CONST 250 = 4 credits</p> <p><b>Bellevue College = 13 credits</b> Accounting 1 &amp; 2 = ACCT 101, 135 = 8 credits Business Law = BUS&amp;201 = 5 credits</p> <p><i>See the College Credit table for more information and available credits.</i></p>
7	x	x	x	x	Physical Education	Health	<i>Design and Production</i>		
8	x	x	x	x	Physical Education		<i>Robotics</i>		
9	x	x	x	x	World Language	<i>Accounting 1 / 2</i>	<i>Welding Technology 1</i>		
10	x	x	x	x	Physical Education	Health	<i>Business Law</i>		
11	x	x	x	x	Physical Education	<i>Woods Technology 1</i>	<i>Woods Technology 2</i>		
12	x	x		x	Fine Arts	<i>Building Industry Technologies - Core Plus Construction</i>			

POST SECONDARY	ARCHITECTURE, MANUFACTURING & CONSTRUCTION COLLEGE CREDIT COURSES	PROFESSIONAL CERTIFICATIONS	TECHNICAL OR ASSOCIATE DEGREES	SAMPLE OCCUPATIONS
	<p><b>Lake Washington Institute of Technology</b> Welding Technology, Design and Fabrication – WELD 101 = 7 credits</p> <p><b>Renton Technical College</b> Building Industry Technologies - Core Plus Construction -- CONST 160 = 3 credits. &amp; CONST 250 = 4 credits</p>	<p><b>OSHA 10</b></p> <p><b>First Aid/CPR</b></p> <p><b>WABO -</b> Washington Association of Building Officials Welders Certificate</p> <p><b>AWS –</b> American Welding Society Certified Welder</p>	<p><b>Lake Washington Institute of Technology</b></p> <ul style="list-style-type: none"> <li>• Welding Technology, AAS</li> <li>• Aerospace/Manufacturing Gas Tungsten Arc Welding, Certificate of Proficiency</li> <li>• Welding Introduction, Certificate of Proficiency</li> <li>• Welding Technology, Certificate of Proficiency</li> </ul> <p>Bellingham Technical College Central Washington University Clark College Edmonds Community College Renton Technical College Shoreline Community College University of Washington Washington State University</p> <p>For more information: <a href="#">Construction Management Programs</a> or <a href="#">Welding Schools</a></p>	<p>Contractor/Business Owner Building Inspector Foreman Woodworking Artist 1st Line Supervisor Architect Civil Engineer Journeyman/woman Carpenter Journeyman/woman Electrician Journeyman/woman Plumber Journeyman/woman Welder Aviation Welding Technician Plumber, Pipefitter, or Steamfitter Structural Metal Worker Welding Engineer Manufacturing Engineer <i>Plus many more...</i></p>