

## Welding/Metal Work Production

Students who complete 2 credits in this pathway will meet their state graduation pathway through the CTE Sequence option.

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The Welding/Metal Work Production Program of Study provides the opportunity to obtain the knowledge and skills needed to become proficient in production and/or manufacturing involving welding and metalwork. This program allows students to take multiple courses teaching them to plan and design a project using CADD, use welding equipment and machinery, use various tools for assembly, and understand mechanical systems. These skills will prepare students for successful careers in the field and provide experience to work for businesses or work as an entrepreneur and build their own business.

Is this program a fit for you?

- Enjoy projects where you work with your hands and use tools
- Enjoy learning by assembling, taking apart, and fixing things
- Feel comfortable in a shop environment
- Have an interest in mechanical work

High School Opportunities	After High School Options	Careers		
<ul> <li>Courses</li> <li>Shop - Welding I</li> <li>Shop - Welding II</li> <li>Shop - Welding III</li> <li>Computer-Aided Drafting &amp; Design I</li> </ul> Additional Possibilities <ul> <li>FFA / SkillsUSA</li> <li>Lead - Jake Juchmes</li> </ul> Career Connected Learning <ul> <li>Job Shadows/Internship</li> <li>Career Exploration Field Trips</li> </ul> Cindy Murie CTE Pathway Coordinator <ul> <li>murie.c@wenatcheeschools.org</li> </ul>	<ul> <li>Certificates</li> <li>Welding Technology/Welder</li> <li>Metal Fabrication</li> <li>Sheet Metal Technology</li> <li>Carpentry</li> <li>Masonry</li> <li>2year option</li> <li>Welding Technology/Welder</li> <li>Machine Tool Technology/Machinist</li> <li>Ayear option</li> <li>Welding Technology/Welder</li> <li>Machine Tool Technology/Machinist</li> </ul>	Example of Careers and Salary• Parts Assembly and Fabrication\$ 30,930 Fabrication• Welding\$ 39,390• Sheet Metal Work\$ 46,940• Iron Working\$ 50,830• Industrial Engineering Tech\$ 53,330 Tech		
		*Data Source - Schoolinks		
Program Courses				
Program High School Courses Gro	ides Equivalencies CIHS Dual	Credit Industry Recognized Certificate (IRC)		
Shon - Welding 1 10.1	I 12 X	OSHA 10 General Industry		

Shop - weiding i	10, 11, 12	X OSHA 10 General Industry
Shop - Welding II	10, 11, 12	OSHA 10 General Industry
Shop - Welding III	11, 12	OSHA 10 General Industry Fork Lift Certificate
Computer Aided Drafting & Design I	9, 10, 11, 12	X YouScience CAD Mechanical 1

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