

**Careers in Fabrication and Welding**

- Sheet metal worker
- Ironworker
- Diesel mechanic
- Boilermaker
- Carpenter
- Marine Construction
- Steamfitters
- Glaziers
- Repair and maintenance

# FABRICATION & WELDING

**Overview**

The **Fabrication and Welding** Pathway is designed to help students develop the technical qualifications and life skills needed to begin a career in the welding industry. It includes both courses in welding and manufacturing. A variety of welding processes are used to join units of metal. As a welder, students may work for shipyards, manufacturers, contractors, federal, state, county, and city governments, or firms requiring maintenance mechanics.



**FABRICATION CONTACTS**

<b>Pathway Teachers</b>	<b>Chip Ford</b> (Lead Teacher)	<b>(503) 565.4200</b> cford@msd.k12.or.us
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**PATHWAY ENDORSEMENT OFFERINGS IN FABRICATION**

Required Classes	Grade	MHS Credits	College Credits
Fabrication 1	9-12	0.5	
Fabrication 2	9-12	0.5	
Advanced Fabrication	10-12	0.5	
<b><u>And two of the following</u></b>			
Manufacturing 1	9-12	0.5	
Manufacturing 2	9-12	0.5	
Woods 1	9-12	0.5	
Woods 2	9-12	0.5	

# CHEMEKETA COMMUNITY COLLEGE WELDING CERTIFICATE OF COMPLETION

Course	Title	Credits
<b>MTH052</b>	<b>Introduction to Algebra and Geometry</b>	<b>3</b>
<b>WLD051</b>	<b>Basic Arc Welding</b>	<b>5</b>
WLD056	Blueprint Reading and Sketching	2
WLD061	Basic Gas Metal Arc Welding (MIG)	3
WLD070	Oxyacetylene Processes	3
<b>PSY101</b>	<b>Psychology of Human Relations</b>	<b>4</b>
WLD052	Intermediate Arc Welding	5
WLD057	Layout Practices	1
WLD062	Intermediate Gas Metal Arc Welding (MIG)	3
WLD073	Basic Gas Tungsten Arc Welding (TIG)	4
WR060	Introduction to Technical Writing 1	3
WLD053	Advanced Arc Welding	3
WLD058	Welding Shop Problems	7
WLD063	Advanced Gas Metal Arc Welding (MIG)	3
WLD080	Metallurgy for Welders	2

**Courses in Bold/Gray are the courses taught at McMinnville High School in either College Credit Now or Advanced Placement.**

