

## WELDING, CERTIFICATE

### Welding, Certificate

#### Overview

The Welding Certificate is a one semester program providing technical knowledge and hands-on welding skills for Shield Metal Arc, Gas Metal Arc, Plasma and Oxy-Fuel cutting processes. Students will learn to recognize welding symbols, read and interpret welding blueprints, and practice weld shop safety protocols.

Welds will be made to industry standards using the American Welding Society D1.1 Structural Code. Upon completion students are prepared for an entry level welding position in advanced manufacturing, production, maintenance and repair, and construction.

#### Locations

Granite Falls, Jackson

Course Number	Course Title	Credits
	<b>Fall - Year 1</b>	
WELD 1190	Welding Principles	3
WELD 1200	Blue Print Reading for Welders	3
WELD 1210	Oxy-fuel/Plasma Arc Cutting	2
WELD 1220	Shielded Metal Arc Welding I	3
WELD 1230	Gas Metal Arc Welding I	3
WELD 1260	Metallurgy & Materials	2
	<b>Total Credits</b>	<b>16</b>

This Certificate program is currently offered on the Granite Falls and Jackson campuses, please see your Campus Advisor to register. The Certificate may also be available through our Customized Training Department for specialized offerings on alternate schedules for cohort groups of students. For more information please connect with Roxanne Hayenga by email [roxanne.hayenga@mnwest.edu](mailto:roxanne.hayenga@mnwest.edu) or by phone 507-372-3468.