

WELDING, DIPLOMA

Welding, Diploma

Overview

In this two semester program students gain technical knowledge and hands-on welding skills for Shielded Metal Arc, Gas Metal Arc and Gas Tungsten Arc, Pipe Welding, Plasma and Oxy-Fuel cutting processes. Students will learn to recognize welding symbols, read and interpret welding blueprints, and practice shop safety. Welds will be made to industry standards using the American Welding Society D1.1 Structural Code. Upon completion of the program, students are prepared for a high demand welding career in advanced manufacturing, production, maintenance and repair, and construction.

Locations

Granite Falls, Jackson

Course Number	Course Title	Credits
	Fall - Year 1	
WELD 1190	Welding Principles	3
WELD 1200	Blueprint 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 and Materials	2
	Total Credits Fall - Year 1	16
	Spring Year 1	
WELD 1240	Gas Tungsten Arc Welding I	2
WELD 1270	Testing/Codes and Inspection	2
WELD 1280	Intermediate Shielded Metal ARC Welding	2
WELD 1300	Intermediate Gas Metal ARC Welding	3
WELD 1340	Welding Qualification Lab	3
WELD 1350	Pipe Welding Process	4
	Credits Spring - Year 1	16
	TOTAL CREDITS	32