

The program's major goal is to meet a community's need to achieve competencies in reading blueprints, beginning and advanced Arc Welding, Oxy-Fuel, pipe, MIG, and TIG welding, along with communication and metallurgy. Upon graduation, you will be prepared to sit for the AWS/ASME exams.

Fall	Course	Credits
	WELD 1120: Print Reading for Welders	4
Spring	WELD 1130: SMAW Shielded Metal Arc Welding I	4
	Course	Credits
Summer	WELD 2130: SMAW Shielded Metal Arc Welding II	4
	WELD 1220: Pipe Welding I	4
Fall	Course	Credits
	WELD 1140: GMAW Gas Metal Arc Welding I	3
Fall	WELD 1155: GTAW Gas Tungsten Arc Welding I	4
	Course	Credits
	WELD 2155: Gas Tungsten Arc Welding II	3
	WELD 2996: Topics in Welding	4
		Total Program Credit Hours = 30



Career and Educational Advancement Opportunities

The certificate in Welding is designed for students who would like to obtain a certificate or plan to continue with their education in a career technical field or for students seeking qualification for entry-level work in the welding trades.



New Mexico data taken from [O*Net Online](#) United States Department of Labor database. Wages reflect annual income and are rounded to the nearest thousand dollars. Income and are rounded to the nearest thousand dollars.

= slow growth
 = average
 = growth
 = fast growth

For questions or to schedule a time to meet with an Advisor/Academic Success Coach about this program contact: Advisement at 505.925-8907. Map Current as of the 2025-2026 Academic Year.