

# WELDING - CERTIFICATE OF COMPLETION

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## NMSU Alamogordo 2026-2027 Catalog

The Welding certificate prepares students for a career as a welder in the areas of maintenance, construction, manufacturing, or to further their education toward a four-year degree program.

A grade of C- or better is required in all courses.

## Total Credits Required for Certificate: 21

Prefix	Title	Credits
WELD 1130	SMAW (Shielded Metal Arc Welding) I	6
WELD 1110	Introduction to Welding Fundamentals	3
WELD 1120	Print Reading for Welders	3
WELD 1140	GMAW-Gas Metal Arc Welding I	3
WELD 1155	GTAW-Gas Tungsten Arc Welding I	3
WELD 1210	Flux Cored Arc Welding	3
<b>Total Credits</b>		<b>21</b>

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## A Suggested Plan of Study - Welding Certificate

Additional classes may be needed based on placement test results and course prerequisites. Visit with an advisor for help with creating a customized plan.

A grade of C- or better is required in all courses.

First Year		
Fall		Credits
WELD 1130	SMAW (Shielded Metal Arc Welding) I	6
WELD 1110	Introduction to Welding Fundamentals	3
WELD 1140	GMAW-Gas Metal Arc Welding I	3
<b>Credits</b>		<b>12</b>
Spring		
WELD 1120	Print Reading for Welders	3
WELD 1155	GTAW-Gas Tungsten Arc Welding I	3
WELD 1210	Flux Cored Arc Welding	3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>21</b>