

# WELDING TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

## Doña Ana Community College 2025-2026 Catalog (60-61 credits)

NOTE: Students must receive a final grade of C- or better in all required WELD courses/Technical Requirements and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits (60-61 of credits listed for degree). Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
<b>General Education</b>		
<i>Select one course from four of the following six content areas for a total of 12-14 credits<sup>1,2</sup></i>		12-14
This degree requires courses from Area I; students must select three courses from the remaining areas to complete General Education requirements.		
Area I: Communications		
ENGL 1110G	Composition I <sup>3</sup>	
Area III: Laboratory Sciences <sup>2,3</sup>		
Area IV: Social/Behavioral Sciences <sup>2,3</sup>		
Area V: Humanities <sup>2,3</sup>		
Area VI: Creative and Fine Arts <sup>2,3</sup>		
<b>General Education Elective</b>		
COMM 1115G	Introduction to Communication <sup>3</sup>	3
Or other approved New Mexico General Education Area I course listed in Oral Communication in the current DACC/NMSU Catalog		
<b>Core Requirements</b>		
Choose one of the following:		3
OETS 118	Mathematics for Technicians	
MATH 1215	Intermediate Algebra	
MATH 1220G	College Algebra	
MATH 1250G	Trigonometry & Pre-Calculus (or higher 3 or 4 credit Math course) <sup>3</sup>	
Approved Technical Elective (AUTO, WELD, HVAC, DRFT, BMGT, BUSA, OECS 105, ELT)		2
<b>Major Requirements</b>		
<b>Technical Requirements</b>		
WELD 1130	SMAW (Shielded Metal Arc Welding) I	6
WELD 1120	Print Reading for Welders	3
WELD 1310	Metallurgy	3
WELD 1220	Pipe Welding I	3
WELD 1140	GMAW-Gas Metal Arc Welding I	3
WELD 1155	GTAW-Gas Tungsten Arc Welding I	3
WELD 1171	Layout and Fabrication	3
WELD 1210	Flux Cored Arc Welding	3

WELD 2220	Pipe Welding II	3
WELD 2155	GTAW-Gas Tungsten Arc Welding II	3
WELD 2290	Welder Qualifications	6
<b>Total Credits</b>		<b>60-61</b>

<sup>1</sup> Each course selected must be from a different area and students cannot take multiple courses in the same area.

<sup>2</sup> See the General Education (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.

<sup>3</sup> Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.