WELDING TECHNOLOGY - CERTIFICATE OF COMPLETION

Doña Ana Community College 2026-2027 Catalog

(46-47 credits)

NOTE: Students must earn 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 46 credits. 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
Related Requirements		
OETS 103	Technical Career Skills	4
or ENGL 1110G	Composition I	
Choose one from the following:		3-4
OETS 104	Basic Mathematics for Technicians	
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))	
Technical Requirements		
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 2220	Pipe Welding II	3
WELD 1210	Flux Cored Arc Welding	3
WELD 2155	GTAW-Gas Tungsten Arc Welding II	3
WELD 1171	Layout and Fabrication	3
WELD 2290	Welder Qualifications	6
Total Credits		**46-47**

(46-47 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must earn 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 46 credits. 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.

Semester 1		Credits
ENGL 1110G or OETS 103	Composition I or Technical Career Skills	4
WELD 1130	SMAW (Shielded Metal Arc Welding) I	6
WELD 1140	GMAW-Gas Metal Arc Welding I	3
WELD 1210	Flux Cored Arc Welding	3
	Credits	**16**
Semester 2		
Choose one from the following:		3-4
OETS 104	Basic Mathematics for Technicians	
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))	
WELD 1120	Print Reading for Welders	3
WELD 1155	GTAW-Gas Tungsten Arc Welding I	3
WELD 2155	GTAW-Gas Tungsten Arc Welding II	3
	Credits	**12-13**
Semester 3		
WELD 1310	Metallurgy	3
WELD 1220	Pipe Welding I	3
WELD 2220	Pipe Welding II	3
WELD 1171	Layout and Fabrication	3
	Credits	**12**
Semester 4		
WELD 2290	Welder Qualifications	6
	Credits	**6**
	Total Credits	**46-47**