

# WELDING TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

**(60-61 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 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.

Semester 1		Credits
OETS 118	Mathematics for Technicians	3
MATH 1215	Intermediate Algebra	
MATH 1220G	College Algebra	
MATH 1250G	Trigonometry & Pre-Calculus ((or higher 3 to 4 credit Math course))	
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
<b>Credits</b>		<b>15</b>
Semester 2		
Area I: Communications – English Composition Level 1		4
ENGL 1110G	Composition I	
Select one course from different NM General Education Areas III, IV, V, and VI. A total of 3 courses from different areas are required.n Areas III, IV, V, and VI.		3-4
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
<b>Credits</b>		<b>16-17</b>
Semester 3		
Select one course from different NM General Education Areas III, IV, V, and VI. A total of 3 courses from different areas are required.n Areas III, IV, V, and VI.		3-4
WELD 1310	Metallurgy	3
WELD 1220	Pipe Welding I	3
WELD 2220	Pipe Welding II	3
WELD 1171	Layout and Fabrication	3
<b>Credits</b>		<b>15-16</b>
Semester 4		
General Education Elective – Area I: Communications - Oral Communications		3

COMM 1115G	Introduction to Communication	
Select one course from different NM General Education Areas III, IV, V, and VI. A total of 3 courses from different areas are required.n Areas III, IV, V, and VI.		3-4
WELD 2290	Welder Qualifications	6
Approved Technical Elective		2
<b>Credits</b>		<b>14-15</b>
<b>Total Credits</b>		<b>60-63</b>