



**Associate of Applied Science  
WELDING**

This program prepares you for the more technical aspects of the welder's trade, with emphasis on jobs available in the government sector, particularly at sites such as the Los Alamos National Laboratory.

	<b>COMPLETED</b>	<b>Planned Timeline (By Semester)</b>
<b>GENERAL EDUCATION (21-22 crs)</b>		
<b>Communications (9 hrs)</b>		
ENG 111 English Composition I (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
ENG 116 Technical Writing (3) <i>Pre-requisite: ENG 111</i>	_____	_____
SPCH 130 Public Speaking (3) <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
<b>Math/Computers/Lab Sciences (6-7 crs)</b>		
CS 102 Computer Literacy (3)	_____	_____
ENGR 110 Intro to Engineering Technology (4) <i>Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation</i>	_____	_____
<b>or</b>		
MATH 130 Intermediate Algebra (4) <i>Pre-requisite: MATH 102 or adequate score on the Course Placement Evaluation</i>		
<b>Social/Behavioral Sciences (3 crs)</b>		
Choose from the following discipline areas: Anthropology, Economics, Geography, Political Science Psychology, or Sociology		
Elective (3) _____ <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
<b>Humanities and Fine Art (3 crs)</b>		
Choose from the following discipline areas: Art (theory only), History, Humanities, Literature, Music (theory only) Philosophy, or Theatre (theory only)		
Elective (3) _____ <i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>		
<b>PROGRAM REQUIREMENTS (42-43 crs)</b>		
BA 220 Introduction to Business (3) <i>Pre-requisite: ENG 109</i>	_____	_____
DRFT 100 Computer Aided Drafting I (4)	_____	_____
WELD 110 Introduction to Welding (3)	_____	_____
WELD 111L Fundamentals of Oxyacetylene Welding (3)	_____	_____
WELD 112L Fundamentals of Arc Welding (3)	_____	_____
WELD 120L Oxyacetylene Welding (3)	_____	_____
WELD 121L Arc Welding (3)	_____	_____
WELD 122L Inert Gas Welding (3)	_____	_____
WELD 210 Welding Blueprint Reading (3)	_____	_____
<b>or</b>		
CONS 155 Construction Math and Blueprint Reading (3)	_____	_____
WELD 211L Practical Arc Lab (3)	_____	_____
WELD 212L Practical Oxyacetylene Lab (3)	_____	_____
WELD 213L Practical Inert Gas Lab (3)	_____	_____
Approved Technical Elective (4-5) such as ABR, ATEC, DRFT, ELEC, WELD, etc.	_____	_____
	_____	_____
<b>TOTAL CREDITS</b>	<b>64-66</b>	

## Educational Planning Form (Semester)

<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>
<b>Fall Semester</b>	<b>Spring Semester</b>	<b>Summer</b>
<b>Total Units</b>	<b>Total Units</b>	<b>Total Units</b>

**Advisor's Signature** \_\_\_\_\_

**Student Signature** \_\_\_\_\_