



WELDING TECHNOLOGY

Associate of Science Degree (Code#1860)

PENDING STATE APPROVAL FOR 2009 – 2010

REQUIREMENTS FOR THE MAJOR:

COURSE NO.	TITLE	UNITS
Select a combination from any of the following courses to satisfy the 15 units:		
WELD 100	Introduction to Oxyacetylene Welding	2
WELD 101A	Introduction to Shielded Metal Arc Welding	2
WELD 101B	Intermediate Shielded Metal Arc Welding	2
WELD 101C	Advanced Shielded Metal Arc Welding	2
WELD 103	Metal Sculpturing	2
WELD 104	Introduction to Gas Tungsten Arc Welding	2
WELD 105	Advanced Gas Tungsten Arc Welding	2
WELD 106	Introduction to Semiautomatic Welding Processes	2
WELD 107	Advanced Semiautomatic Welding Processes	2
OR completion of this group satisfies the 15 units:		
WELD 120	Industrial Welding I	5
WELD 122	Industrial Welding II	5
WELD 124	Industrial Welding III	5
OR completion of this course satisfies the 15 units:		
WELD 150	Welding Technology	15
OR completion of this group satisfies the 15 units:		
WELD 165	Pipe Welding Fundamentals	3
WELD 166	Pipe Layout and Fabrication	3
WELD 167	Intermediate Pipe Welding Techniques and Practices	4.5
WELD 168	Advanced Pipe Welding Techniques and Practices	4.5
OR completion of this group satisfies the 15 units:		
WELD 092	Introduction to Metal Fabrication	2
WELD 093	Intermediate Metal Fabrication	2
WELD 094	Advanced Metal Fabrication	2
WELD 100	Introduction to Oxyacetylene Welding	2
WELD 101A	Introduction to Shielded Metal Arc Welding	2
WELD 104	Introduction to Gas Tungsten Arc Welding	2
WELD 106	Introduction to Semiautomatic Welding Processes	2
CWEXP188	Cooperative Work Experience Education in a Welding Work Environment	1-4
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Required Electives (12 units):		

ENGL 094	OR	Introduction to Technical Writing	3
ENGL 204		Technical Report Writing	3
MFGT 090		Measurements and Computations	3
WELD 130		Welding Metallurgy	3
WELD 132		Blueprint Reading for Welders and Fabricators	3
Recommended Electives:			
WELD 096		Welding Certification and License Preparation	3
WELD 133		Welding Inspection	3
Total Units for Major:			27

PLUS:

- ◆ a minimum of 60 semester units (a minimum of 12 units completed at College of the Canyons)
- ◆ completion of Associate Degree GE, Diversity, American Institutions and PE/Wellness requirements
- ◆ a minimum 2.0 grade point average (C average) or better in associate degree applicable units and be in good standing at College of the Canyons (all courses required for the major must be completed with a C grade or better).

Certificate of Achievement (Code#1861)

PENDING STATE APPROVAL FOR 2009 – 2010

REQUIREMENTS FOR THE CERTIFICATE:

Requirements for the Major (see above) also fulfill the requirements for the Certificate of Achievement in Welding Technology
