



WELDING TECHNOLOGY
ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE
and
CAREER & TECHNICAL EDUCATION CERTIFICATES
PROGRAM WORKSHEET AND GRADUATION REQUIREMENTS

2009-10 Catalog

Student Name: _____ Aims #: _____ Graduation Evaluator: _____

Advisor: _____ Ext.: _____ Date: _____

WELDING TECHNICIAN CERTIFICATE

NOTE: Upon completion of all five of the following mini certificates the student will receive the Welding Technician Certificate which signifies completion of the certificate program.

BASIC WELDING & CUTTING CERTIFICATE

<u>Course</u>		<u>Required</u>		<u>Transfer</u>		
<u>Number</u>	<u>Requirements</u>	<u>Credits</u>	<u>Term</u>	<u>Credits</u>	<u>Taken</u>	<u>Needs</u>
WEL 100	Safety for Welders	1	_____	_____	_____	_____
WEL 101	Allied Cutting Processes	4	_____	_____	_____	_____
WEL 102	Oxyacetylene Joining Processes	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		9				

SMAW CERTIFICATE

<u>Course</u>		<u>Required</u>		<u>Transfer</u>		
<u>Number</u>	<u>Requirements</u>	<u>Credits</u>	<u>Term</u>	<u>Credits</u>	<u>Taken</u>	<u>Needs</u>
WEL 103	Basic Shielded Metal Arc Welding I	4	_____	_____	_____	_____
WEL 110	Advanced Shielded Metal Arc Welding I	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		8				

GMAW CERTIFICATE

<u>Course</u>		<u>Required</u>		<u>Transfer</u>		
<u>Number</u>	<u>Requirements</u>	<u>Credits</u>	<u>Term</u>	<u>Credits</u>	<u>Taken</u>	<u>Needs</u>
WEL 201	Gas Metal Arc Welding I	4	_____	_____	_____	_____
WEL 202	Gas Metal Arc Welding II	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		8				

FCAW CERTIFICATE

<u>Course</u>		<u>Required</u>		<u>Transfer</u>		
<u>Number</u>	<u>Requirements</u>	<u>Credits</u>	<u>Term</u>	<u>Credits</u>	<u>Taken</u>	<u>Needs</u>
WEL 203	Flux Cored Arc Welding I	4	_____	_____	_____	_____
WEL 204	Flux Cored Arc Welding II	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		8				

ADVANCED WELDING PROCESSES CERTIFICATE

<u>Course</u>		<u>Required</u>		<u>Transfer</u>		
<u>Number</u>	<u>Requirements</u>	<u>Credits</u>	<u>Term</u>	<u>Credits</u>	<u>Taken</u>	<u>Needs</u>
WEL 224	Advanced Gas Tungsten Arc Welding	4	_____	_____	_____	_____
WEL 230	Pipe Welding I	4	_____	_____	_____	_____
WEL 231	Pipe Welding II	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		12				

OTAL CREDITS FOR WELDING TECHNICIAN CERTIFICATE **45** _____

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A.A.S. DEGREE - WELDING TECHNOLOGY

NOTE: Completion of the Welding Technician Certificate in addition to the following general education courses will fulfill the Welding Technology Degree requirements

GENERAL EDUCATION REQUIREMENTS

<u>Course Number</u>	<u>Requirements</u>	<u>Required Credits</u>	<u>Term</u>	<u>Transfer Credits</u>	<u>Taken</u>	<u>Needs</u>
<u>COMMUNICATION - SELECT ONE COURSE</u>						
BUS 217	Business Communications and Report Writing	3	_____	_____	_____	_____
ENG 121	English Composition I	3	_____	_____	_____	_____
ENG 131	Technical Writing	3	_____	_____	_____	_____
<u>MATHEMATICS - SELECT ONE COURSE</u>						
MAT 107	Career Math	3	_____	_____	_____	_____
MAT 108	Technical Mathematics	4	_____	_____	_____	_____
MAT 112	Financial Mathematics	3	_____	_____	_____	_____
<u>ORAL COMMUNICATION or TECHNOLOGY - SELECT ONE COURSE</u>						
CIS 118	Intro to PC Applications	3	_____	_____	_____	_____
COM 115	Public Speaking	3	_____	_____	_____	_____
<u>PHYSICAL & LIFE SCIENCES</u>						
Choose one course from the following prefixes: AST, BIO, CHE, ENV, GEY, MET, PHY, or SCI (3 Credits Minimum)						
Course Prefix and Number: _____						
						Credits
<u>SOCIAL & BEHAVIORAL SCIENCES or ARTS & HUMANITIES</u>						
Choose one course from the following prefixes: ANT, ART, ECO, GEO, HIS, HUM, LIT, MUS, PHI, POS, PSY, SOC, THE, or any foreign language course prefix. (3 Credits Minimum)						
Course Prefix and Number: _____						
						Credits
Total General Education Credits		_____	15 Minimum			
Total Credits for Welding Technology Degree		_____	60 Minimum			

Note : All courses are 100 level or above and must be passed with a "C" or better.

For Welding Department Use:**Major:** _____

<u>Course</u>	<u>Assessment Scores</u>	<u>Credits</u>	<u>Needs</u>	<u>Term</u>
REA 060	RC:	3	_____	_____
REA 090		3	_____	_____
ENG 030	SS:	2	_____	_____
ENG 060		3	_____	_____
ENG 090		3	_____	_____
MAT 030	AR:	2	_____	_____
MAT 060	EA:	3	_____	_____
MAT 090		4	_____	_____