



**ASSOCIATE OF APPLIED SCIENCE (AAS) DEGREE
AND
CAREER & TECHNICAL EDUCATION - CERTIFICATES**

Welding Technology

PROGRAM WORKSHEET AND GRADUATION REQUIREMENTS

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

Advisor: _____ **Ext:** _____ **Date:** _____

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.

<u>Course Number</u>	<u>Requirements</u>	<u>Required Credits</u>	<u>Term Completed</u>	<u>Transfer Credits</u>	<u>Transfer School</u>	<u>Needs</u>
<u>BASIC WELDING & CUTTING CERTIFICATE</u>						
WEL 100	Safety for Welders	1	_____	_____	_____	_____
WEL 101	Allied Cutting Processes	4	_____	_____	_____	_____
WEL 102	Oxyacetylene Joining Processes	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		9				
<u>SMAW CERTIFICATE</u>						
WEL 103	Basic Shielded Metal Arc I	4	_____	_____	_____	_____
WEL 110	Advanced Shielded Metal Arc I	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		8				
<u>GMAW CERTIFICATE</u>						
WEL 201	Gas Metal Arc Welding I	4	_____	_____	_____	_____
WEL 202	Gas Metal Arc Welding II	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		8				
<u>FCAW CERTIFICATE</u>						
WEL 203	Flux Cored Arc Welding I	4	_____	_____	_____	_____
WEL 204	Flux Cored Arc Welding II	4	_____	_____	_____	_____
TOTAL CREDITS FOR CERTIFICATE		8				
<u>ADVANCED WELDING PROCESSES CERTIFICATE</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				
TOTAL CREDITS FOR WELDING TECHNICIAN CERTIFICATE:		45				

Student Name: _____ Aims #: _____ Graduation Evaluator: _____
 Advisor: _____ Ext: _____ Date: _____

WELDING TECHNOLOGY AAS DEGREE

Note: Completion of the Welding Technician Certificate and the following general education requirements will fulfill the requirements for the Welding Technology AAS Degree. Students must also provide a valid Red Cross Standard First Aid/CPR card or take HWE 103 in order to qualify for the AAS degree.

<u>Course Number</u>	<u>Requirements</u>	<u>Required Credits</u>	<u>Term Completed</u>	<u>Transfer Credits</u>	<u>Transfer School</u>	<u>Needs</u>
General Education Courses Required for AAS Degree						
MAT 112	Financial Mathematics	3	_____	_____	_____	_____
	OR		_____	_____	_____	_____
MAT 108	Technical Mathematics	4	_____	_____	_____	_____
PHY 105	Conceptual Physics	4	_____	_____	_____	_____
CIS 118	Introduction PC Applications	3	_____	_____	_____	_____
CAD 101	Computer Aided Drafting I	3	_____	_____	_____	_____
ENG 121	English Composition I	3	_____	_____	_____	_____
	OR		_____	_____	_____	_____
BUS 217	Business Communications & Report Writing	3	_____	_____	_____	_____
	Total General Education Credits:	16-17				
	TOTAL CREDITS FOR DEGREE:	61-62				