

## WELDING TECHNOLOGY Welding Technician Certificates and Welding Technology Associate of Applied Science (AAS) Degree

### PROGRAM WORKSHEET AND GRADUATION REQUIREMENTS

Student Name \_\_\_\_\_ Advisor \_\_\_\_\_ Ext: \_\_\_\_\_

Aims # \_\_\_\_\_ Evaluator \_\_\_\_\_ Date: \_\_\_\_\_

#### Basic Welding & Cutting Certificate

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

#### SMAW Certificate

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

#### GMAW Certificate

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

#### FCAW Certificate

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

#### Advanced Welding Processes Certificate

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

TOTAL CREDITS FOR **WELDING TECHNICIAN CERTIFICATE** 45 \_\_\_\_\_

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

**Welding Technology Degree**

*Completion of the Welding Technician Certificate requirements plus the following courses:*

**General Education Requirements:**

BTE 156	Business Mathematics with Calculators	4	_____	_____	_____	_____
<b>OR</b>						
MAT 106	Survey of Algebra	4	_____	_____	_____	_____
PHY 105	Conceptual Physics	4	_____	_____	_____	_____
CIS 118	Intro PC Applications	3	_____	_____	_____	_____
ENG 121	English Composition I	3	_____	_____	_____	_____
<b>OR</b>						
BUS 217	Business Communications & Report Writing	3	_____	_____	_____	_____
CAD 101	Computer Aided Drafting I	3	_____	_____	_____	_____
<b>Total General Education Credits</b>		<b>17</b>	_____	_____	_____	_____
<b>TOTAL CREDITS FOR <u>WELDING TECHNOLOGY AAS DEGREE</u></b>		<b>62</b>	_____			

**Note:** Student must also provide a valid Red Cross Standard First Aid/CPR card or take HWE 103 in order to qualify for the A.A.S. degree.