

**PROGRAM AND AWARD PLANNING FORM**

**Program:** Welding  
**Award:** Associate in Occupational Technology Degree  
**Catalog:** 2016-2017

**STUDENT NAME** \_\_\_\_\_ **STUDENT NUMBER** \_\_\_\_\_

Semester/Year	Grade	General Education and Core Requirements	HRS
_____	_____	<b>ORI 107 Student Success</b>	<b>1</b>
_____	_____	<b>Area I: Written Composition</b>	<b>3</b>
_____	_____	ENG 101 English Composition I OR	3
_____	_____	ENG 130 Technical Report Writing	
_____	_____	<b>Area II: Humanities and Fine Arts</b>	<b>3</b>
_____	_____	Humanities and Fine Arts Elective _____	3
_____	_____	<b>Area III: Natural Sciences and Mathematics</b>	<b>9</b>
_____	_____	A minimum of 3 hours in MTH 116 or MTH 100	
_____	_____	or Higher is required. _____	3
_____	_____	The additional 6 hours of degree creditable	
_____	_____	coursework may be taken from disciplines of	
_____	_____	math, biology, chemistry, physical science,	
_____	_____	physics, environmental technology and	
_____	_____	computer science. _____	6
_____	_____	<b>Area IV: History, Social and Behavioral Science</b>	<b>3</b>
_____	_____	History, Social and Behavioral Science	
_____	_____	Elective _____	3
_____	_____	Courses may be taken from the disciplines of	
_____	_____	History, economics, geography, political science,	
_____	_____	Psychology, and sociology.	
_____	_____	<b>Minimum General Requirements</b>	<b>19</b>
_____	_____	<b>Area V: Major Requirements</b>	<b>45</b>
_____	_____	WDT 108 SMAW Fillet/OFC	3
_____	_____	WDT 109 SMAW Fillet/CAC	3
_____	_____	WDT 110 Industrial Blueprint Reading	3
_____	_____	WDT 115 GTAW Carbon Pipe	3
_____	_____	WDT 119 Gas Metal Arc/Flux Cored Arc Welding	3
_____	_____	WDT 120 Shielded Metal Arc Welding Groove	3
_____	_____	WDT 122 SMAW Fillet/OFC Lab	3
_____	_____	WDT 123 SMAW Fillet/PAC/CAC Lab	3
_____	_____	WDT 124 Gas Metal Arc/Flux Cored Arc Welding Lab	3
_____	_____	WDT 125 Shielded Metal Arc Welding Groove Lab	3
_____	_____	WDT 155 GTAW Carbon Pipe Lab	3
_____	_____	WDT 217 SMAW Carbon Pipe	3
_____	_____	WDT 228 Gas Tungsten Arc Welding Theory	3
_____	_____	WDT 257 SMAW Carbon Pipe Lab	3
_____	_____	WDT 268 Gas Tungsten Arc Lab	3

		<b>Minor Requirements</b>	
		<b>Machine Shop Technology (WMS)</b>	<b>12</b>
_____	_____	MSP 101 Basic Machining Technology	5
_____	_____	MSP 102 Intermediate Machining Technology	5
_____	_____	MSP 121 Basic Blueprint Reading for Machinists	2

		<b>Minor Requirements</b>	
		<b>Air Conditioning/Refrigeration Technology (WAC)</b>	<b>12</b>
_____	_____	ACR 111 Refrigeration Principles	3
_____	_____	ACR 112 HVACR Service Procedures	3
_____	_____	ACR 132 Residential Air Conditioning	3
_____	_____	ACR 209 Commercial Air Conditioning Systems	3

		<b>Minor Requirements</b>	
		<b>Automotive Service Technology (AUT)</b>	<b>12</b>
_____	_____	AUM 101 Fundamentals of Automotive Technology	3
_____	_____	AUM 112 Electrical Fundamentals	3
_____	_____	AUM 121 Braking Systems	3
_____	_____	AUM 133 Motor Vehicle Air Conditioning	3

		<b>Minor Requirements</b>	
		<b>Carpentry Technology (WCR)</b>	<b>12</b>
_____	_____	CAR 121 Introduction to Blueprint Reading	3
_____	_____	CAR 132 Interior and Exterior Finish	3
_____	_____	CAR 226 Metal Framing	3
_____	_____	CAR 228 Stairs, Moldings, and Trim	3

<b>General Requirements</b>	<b>19</b>
<b>Major Requirements (Including Minor)</b>	<b>57</b>
<b>Total Requirements for AOT Degree</b>	<b>76</b>

**\*Computer competency skills are embedded within one or more courses required in this curriculum.**

\_\_\_\_\_  
Student's Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor Signature

\_\_\_\_\_  
Date