

**PROGRAM AND AWARD PLANNING FORM**

**Program:** Welding  
**Award:** Associate in Occupational Technology Degree  
**Catalog:** 2019-2020

<b>STUDENT NAME</b> _____		<b>STUDENT NUMBER</b> _____	
<b>Semester/Year</b>	<b>Grade</b>	<b>General Education and Core Requirements</b>	<b>HRS</b>
_____	_____	**Entering students are required to compete ORI 107. Transfer students are exempt from this requirement.	
_____	_____	<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>6-7</b>
		A minimum of 3 hours in MTH 116 or MTH 100 or Higher is required. _____	3
_____	_____	The additional 3-4 hours of degree creditable coursework may be taken from disciplines of math, biology, chemistry, physical science, physics, environmental technology. _____	3-4
_____	_____	<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>General Education Core Requirements</b>	<b>15</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 219 Welding Inspection and Testing	3
_____	_____	WDT 257 SMAW Carbon Pipe Lab	3

_____	_____	WDT 268 Gas Tungsten Arc Lab	3
_____	_____	WDT 291 CO-OP	3
		<b>Total Major Requirements</b>	<b>45</b>
		<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 111 Construction Basics	3
_____	_____	CAR 112 Floors, Walls, Site Prep	3
_____	_____	CAR 113 Floors, Walls, Site Prep Lab	3
_____	_____	CAR 114 Construction Basics to Lab	3
		<b>Minor Requirements</b>	<b>12</b>
		<b>Business &amp; Construction Supervision</b>	
_____	_____	BUS 241 Principles of Accounting	3
_____	_____	BUS 275 Principles of Management	3
_____	_____	BUS 279 Small Business Management	3
_____	_____	OAD 217 Office Management	3
		<b>Minor Requirements</b>	<b>12</b>
		<b>MSSC Certified Production Technician</b>	
_____	_____	ADM 291 MSS Safety Course	3
_____	_____	ADM 292 MSSC Quality Practices & Measurement	3
_____	_____	ADM 293 MSSC Manufacturing Processes & Production	3
_____	_____	ADM 294 MSSC Maintenance Awareness	3
		<b>General Education Core Requirements</b>	<b>15-16</b>
		<b>Technical Concentration and Electives</b>	<b>45</b>
		<b>Minor Requirements</b>	<b>12</b>
		<b>Total Requirements for AOT Degree</b>	<b>72-73</b>

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

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date