

**PROGRAM AND AWARD PLANNING FORM**

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

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

Semester/Year	Grade	General Education and Core Requirements	HRS
_____	_____	**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</b>
		A minimum of 3 hours in MTH 116 or MTH 100 or Higher is required. _____	3
_____	_____	The additional 3 hours of degree creditable coursework may be taken from disciplines of biology, chemistry, physical science, physics, environmental technology. _____	3
_____	_____	<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</b>	<b>15</b>
_____	_____	<b>Area V: Major Requirements</b>	<b>45</b>
		AUM 101 Fundamentals of Automotive Technology	3
		AUM 112 Electrical Fundamentals	3
		AUM 121 Braking Systems	3
		AUM 122 Steering, Suspension and Alignment	3
		AUM 124 Automotive Engines	3
		AUM 130 Drive Train and Axles	3
		AUM 133 Motor Vehicle Air Conditioning	3
		AUM 162 Electrical and Electronic Systems	3
		AUM 224 Manual Transmission and Transaxle	3
		AUM 230 Auto Transmission and Transaxle	3
		AUM 239 Engine Performance	3
		AUM 244 Engine Performance and Diagnostics	3
		AUM 246 Automotive Emissions	3

_____	_____	AUM 291 CO-OP	3
_____	_____	AUM Electives_____	3
<b>Minor Requirements</b>			
<b>Auto Collision Repair (AUR)</b>			<b>12</b>
_____	_____	ABR 111 Non-Structural Repair	3
_____	_____	ABR 114 Non-Structural Panel Replacement	3
_____	_____	ABR 122 Surface Preparation	3
_____	_____	ABR Elective _____	3
<b>Minor Requirements</b>			
<b>Machine Shop (AMT)</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>12</b>
<b>MSSC Certified Production Technician (MSAU)</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 Requirements</b>	<b>15</b>
<b>Minor Requirements</b>	<b>12</b>
<b>Technical Concentration and Electives</b>	<b>45</b>
<b>Total Requirements for AOT Degree</b>	<b>72</b>

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

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date