

**PROGRAM AND AWARD PLANNING FORM**

**Program:** Air Conditioning/Refrigeration Technology  
**Award:** Associate in Occupational Technology Degree  
**Catalog:** 2016-2017

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

<b>Semester/Year</b>	<b>Grade</b>	<b>General Education and Core Requirements</b>	<b>HRS</b>
_____	_____	<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>
_____	_____	ACR 111 Refrigeration Principles	3
_____	_____	ACR 112 HVACR Service Procedures	3
_____	_____	ACR 113 Refrigeration Piping Practices	3
_____	_____	ACR 119 Fundamentals of Gas Heating Systems	3
_____	_____	ACR 121 Principles of Electricity for HVACR	3
_____	_____	ACR 122 HVACR Electrical Circuits	3
_____	_____	ACR 123 HVACR Electrical Components	3
_____	_____	ACR 126 Commercial Heating Systems	3
_____	_____	ACR 132 Residential Air Conditioning	3
_____	_____	ACR 147 Refrigeration Transition and Recovery	3
_____	_____	ACR 148 Heat Pump Systems I	3
_____	_____	ACR 181 Special Topics in AC and Refrigeration I	3
_____	_____	ACR 203 Commercial Refrigeration	3
_____	_____	ACR 205 System Sizing and Air Distribution	3
_____	_____	ACR 209 Commercial Air Conditioning Systems	3

		<b>Minor Requirements</b>	
		<b>Electrical Technology (AET)</b>	<b>12</b>
_____	_____	ELT 114 Residential Wiring Methods	3
_____	_____	ELT 115 Residential Wiring Methods II	3
_____	_____	ELT 131 Commercial/Industrial Wiring I	3
_____	_____	Choose ONE course from:	3
		ELT 132 Commercial/Industrial Wiring II	
		ELT 209 Motor Controls I	
		ELT 244 Conduit Bending I	

		<b>Minor Requirements</b>	
		<b>Welding (AWT)</b>	<b>12</b>
_____	_____	WDT 108 SMAW Fillet/OFC	3
_____	_____	WDT 109 SMAW Fillet/PAC/CAC	3
_____	_____	WDT 122 SMAW Fillet/OFC Lab	3
_____	_____	WDT 123 SMAW Fillet/PAC/CAC Lab	3

_____	<b>Total General Requirements</b>	<b>19</b>
_____	<b>Total Major Requirements</b>	<b>45</b>
_____	<b>Total Minor Requirements</b>	<b>12</b>
_____	<b>Total Requirements for AOT Degree</b>	<b>76</b>

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

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date