

PROGRAM AND AWARD PLANNING FORM

Program: Air Conditioning/Refrigeration 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.	
_____	_____	Area I: Written Composition ENG 101 English Composition I OR ENG 130 Technical Report Writing	3 3
_____	_____	Area II: Humanities and Fine Arts Humanities and Fine Arts Elective _____	3 3
_____	_____	Area III: Natural Sciences and Mathematics A minimum of 3 hours in MTH 116 or MTH 100 or Higher is required. _____	6 3
_____	_____	The additional 3 hours of degree creditable coursework may be taken from disciplines of math, biology, chemistry, physical science, physics, and environmental technology _____	3
_____	_____	Area IV: History, Social and Behavioral Science History, Social, and Behavioral Science Courses may be taken from the disciplines of History, economics, geography, political science psychology, and sociology.	3 3
Total General Education Core Requirements			15
_____	_____	Area V: Technical Concentration & Electives ACR 111 Refrigeration Principles	45 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 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 195 CO-OP	3

_____	_____	ACR 203 Commercial Refrigeration	3
_____	_____	ACR 205 System Sizing and Air Distribution	3
_____	_____	ACR 209 Commercial Air Conditioning Systems	3
		Minor Requirements	
		Electrical Technology (AET)	12
_____	_____	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	
_____	_____	ELT _____	
		Minor Requirements	
		Welding (AWT) Fall & Spring Semester Minor	12
_____	_____	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
		Welding (AWT) Summer Semester Minor	12
_____	_____	WDT 110 Blue Print Reading	3
_____	_____	WDT 119 Gas Metal Arc/Flux Cored Arc Welding Theory	3
_____	_____	WDT 124 Gas Metal Arc/Flux Cored Arc Welding Lab	3
_____	_____	WDT 219 Welding Inspection and Testing	3
		MSSC Certified Production Technician (MSAR)	12
_____	_____	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
_____		Total General Requirements	15
_____		Total Major Requirements	45
_____		Total Minor Requirements	12
_____		Total Requirements for AOT Degree	72

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

Student's Signature

Date

Advisor Signature

Date

