

PROGRAM AND AWARD PLANNING FORM

Program: Industrial Systems Technology/Air Conditioning and Refrigeration (IAR)
Award: Associate in Applied Science Degree
Catalog: 2016-2017

STUDENT NAME _____ **STUDENT NUMBER** _____

Semester/Year	Grade	General Education and Core Requirements	HRS
_____	_____	ORI 107 Student Success	1
_____	_____	Area I: Written Composition	6
_____	_____	**ENG 101 English Composition I	3
_____	_____	ENG 102 English Composition II OR	
_____	_____	ENG 130 Technical Reporting Writing OR	
_____	_____	SPH 107 Fundamentals of Public Speaking	3
_____	_____	Area II: Humanities and Fine Arts	3
_____	_____	Fine Arts Elective: Choose one from among:	3
_____	_____	ART 100 Art Appreciation	
_____	_____	MUS 101 Music Appreciation	
_____	_____	PHL 106 Introduction to Philosophy	
_____	_____	PHL 206 Ethics and Society	
_____	_____	REL 100 History of World Religions	
_____	_____	REL 151 Survey of the Old Testament	
_____	_____	REL 152 Survey of the New Testament	
_____	_____	SPA 101 Introductory Spanish I	
_____	_____	Area III: Natural Sciences and Mathematics	10
_____	_____	MTH 100 Intermediate College Algebra OR	
_____	_____	MTH 103 Introduction to Technical Mathematics	3
_____	_____	MTH 112 Precalculus Algebra OR	
_____	_____	MTH 118 Technical Mathematics	3
_____	_____	PHY 115 Technical Physics	4
_____	_____	Area IV: History, Social and Behavioral Science	3
_____	_____	History Elective: Choose one from among:	3
_____	_____	HIS 101 Western Civilization I	
_____	_____	HIS 102 Western Civilization II	
_____	_____	HIS 201 United States History I	
_____	_____	HIS 202 United States History II	
_____	_____	Area V: Technical Concentration and Electives	54
_____	_____	INT 120 Concepts of Direct Current	5
_____	_____	INT 122 Concepts of Alternating Current	5
_____	_____	INT 130 Concepts of Digital Electronics	5
_____	_____	INT 158 Industrial Wiring I	3
_____	_____	INT 184 Introduction to Programmable Logic	
_____	_____	Controllers	3
_____	_____	INT 206 Industrial Motors I	3
_____	_____	INT 280C Special Topics in Industrial Maintenance	
_____	_____	Technology	3

_____	_____	ACR 111 Principles of Refrigeration	3
_____	_____	ACR 113 Refrigeration Piping Practices	3
_____	_____	ACR 119 Fundamentals of Gas Heating Systems	3
_____	_____	ACR 123 HVACR Electrical Components	3
_____	_____	ACR 126 Commercial Heating Systems	3
_____	_____	ACR 148 Heat Pump Systems I	3
_____	_____	ACR 203 Commercial Refrigeration	3
_____	_____	ACR 209 Commercial Air Conditioning Systems	3
_____	_____	ACR 210 Troubleshooting Air Conditioning Systems	3

****Keyboarding skills are essential for the successful completion of English 101.**

_____	Total General Education Core	23
_____	Total Technical Concentration	54
_____	Total Semester Credit Hours	77

Student's Signature		Advisor Signature	
Date		Date	