

PROGRAM AND AWARD PLANNING FORM

Program: Industrial Systems Technology/Instrumentation Option
Award: Associate in Applied Science Degree
Catalog: 2019-2020

STUDENT NAME _____ **STUDENT NUMBER** _____

Semester/Year	Grade	General Education and Core Requirements	HRS
_____	_____	**Entering students are required to complete ORI 107. Transfer students are exempt from this requirement.	
_____	_____	Area I: Written Composition	3
_____	_____	**ENG 101 English Composition I	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 World Religions	
		REL 152 Survey of the New Testament	
_____	_____	Area III: Natural Sciences and Mathematics	7
_____	_____	MTH 100 Intermediate College Algebra OR	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	
		General Education Core	16
_____	_____	Area V: Technical Concentration and Electives	57
_____	_____	INT 101 DC Fundamentals	3
_____	_____	INT 103 AC Fundamentals	3
_____	_____	INT 113 Industrial Motor Control I	3
_____	_____	INT 117 Principles of Industrial Mechanics	3
_____	_____	INT 118 Fundamentals of Industrial Hydraulics and Pneumatics	3
_____	_____	INT 134 Principles of Industrial Maintenance Welding And Metal Cutting Techniques	3
_____	_____	INT 158 Industrial Wiring I	3

_____	_____	INT 161 Blueprint Reading for Industrial Technicians	3
_____	_____	INT 184 Introduction to Programmable Logic Controllers	3
_____	_____	INT 206 Industrial Motors I	3
_____	_____	INT 207 Industrial Automatic Controls	3
_____	_____	INT 261 MSSC Safety	3
_____	_____	INT 280 Special Topics Computer Fundamentals	3
_____	_____	INT 284 Advanced Programmable Logic Controllers	3
_____	_____	INT 291 CO-OP	3
_____	_____	ILT 114 Instrumentation Operation & Calibration	3
_____	_____	ILT 240 Sensors Technology and Applications	3
_____	_____	INT or ILT Technical Electives	6
_____	_____	_____	3
_____	_____	_____	3

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

_____	Total General Education Core	16
_____	Total Technical Concentration	57
_____	Total Semester Credit Hours	73

Student's Signature

Date

Advisor Signature

Date