

**PROGRAM AND AWARD PLANNING FORM**

**Program:** Industrial Systems Technology/Electrical Option (IEO)  
**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.	
_____	_____	<b>Area I: Written Composition</b>	<b>3</b>
_____	_____	ENG 101 English Composition I OR	3
_____	_____	<b>Area II: Humanities and Fine Arts</b>	<b>3</b>
_____	_____	Fine Arts Elective: <b>Choose one from among:</b> _____	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	
_____	_____	<b>Area III: Natural Sciences and Mathematics</b>	<b>7</b>
_____	_____	MTH 100 Intermediate College Algebra	3
_____	_____	PHY 115 Technical Physics	4
_____	_____	<b>Area IV: History, Social and Behavioral Science</b>	<b>3</b>
_____	_____	History Elective: <b>Choose one from among:</b> _____	3
		HIS 101 Western Civilization I	
		HIS 102 Western Civilization II	
		HIS 201 United States History I	
		HIS 202 United States History II	
		<b>General Education Core</b>	<b>16</b>
_____	_____	<b>Area V: Technical Concentration and Electives</b>	<b>57</b>
_____	_____	INT 101 DC Fundamentals	3
_____	_____	INT 103 AC Fundamentals	3
_____	_____	INT 113 Industrial Motor Control I	3
_____	_____	INT 117 Principles of Industrial Maintenance	3
_____	_____	INT 118 Fundamentals of Industrial Hydraulics	
		and Pneumatics	3
_____	_____	INT 134 Cutting and Welding	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 211 Industrial Motors II	3
_____	_____	INT 213 Industrial Motor Control II	3
_____	_____	INT 261 MSSC Safety	3
_____	_____	INT 280 Special Topics in Computer Fundamentals	3
_____	_____	INT 284 Advanced Programmable Logic Controllers	3
_____	_____	INT 291 OP-OP	3
_____	_____	INT or ILT Technical Electives:	<b>6</b>
_____	_____	_____	3
_____	_____	_____	3

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

_____	<b>Total General Education Core</b>	<b>16</b>
_____	<b>Total Technical Concentration</b>	<b>57</b>
_____	<b>Total Semester Credit Hours</b>	<b>73</b>

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

