

PROGRAM AND AWARD PLANNING FORM

Program: Industrial Systems Technology/Mechanical Option (IMO)
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 Western Civilization I	
		HIS 202 Western Civilization II	
_____	_____	Area V: Technical Concentration and Electives	53
_____	_____	INT 102 Industrial Maintenance Cutting/Welding	2
_____	_____	INT 106 Elements of Industrial Mechanics	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 120 Concepts of Direct Current	5

_____	_____	INT 121 Industrial Hydraulics Troubleshooting	3
_____	_____	INT 122 Concepts of Alternating Current	5
_____	_____	INT 127 Principles of Industrial Pumps and Piping Systems	3
_____	_____	INT 130 Concepts of Digital Electronics	5
_____	_____	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 Intro to Programmable Logic Controllers	3
_____	_____	INT 206 Industrial Motors I	3
_____	_____	INT 280 Special Topics in Computer Fundamentals	3

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

_____	Total General Education Core	23
_____	Total Technical Concentration	53
_____	Total Semester Credit Hours	76

Student's Signature

Date

Advisor Signature

Date

