

ASSOCIATE OF APPLIED SCIENCE
INDUSTRIAL ELECTRICIAN
PROGRAM WORKSHEET AND GRADUATION REQUIREMENTS

Required Credits		Course Number	Transfer Credits	Credit Hours Completed	Grade
General Education Requirements - 16 Credits					
3	English Composition I	ENG 121	_____	_____	_____
3	Human Relations	PSY 106	_____	_____	_____
4	College Algebra	MAT 121	_____	_____	_____
6	General Education Electives: Choose two classes from State Guaranteed Transfer courses in two disciplines in		_____	_____	_____
16	Science, Humanities or SPE 115		_____	_____	_____
Specialized Course Requirements - 50 credits					
4	Electrical Construction and Planning	EIC 100	_____	_____	_____
4	Basics of AC/DC Electricity	EIC 105	_____	_____	_____
4	Electrical Installations	EIC 110	_____	_____	_____
1.5	National Electric Code - 2008	EIC 133	_____	_____	_____
1.5	Grounding and Bonding	EIC 144	_____	_____	_____
4	DC Circuit Fundamentals	EIC 150	_____	_____	_____
4	AC Circuit Fundamentals	EIC 155	_____	_____	_____
4	Electrical Instruments and Measurements	EIC 160	_____	_____	_____
4	Solid State Devices and Circuits	EIC 165	_____	_____	_____
4	Electrical Maintenance	EIC 167	_____	_____	_____
4	Electrical Code Calculations	EIC 169	_____	_____	_____
4	Industrial Electrical Controls I	EIC 220	_____	_____	_____
1.5	Understanding PLC's	EIC 224	_____	_____	_____
4	Programmable Controllers	EIC 225	_____	_____	_____
1.5	Mechanical Drives	EIC 227	_____	_____	_____
50					

66 **Total Required Credit Hours for Associate of Applied Science**
(State approved credit hours are indicated in **bold print**. State approved elective courses are in plain lettering)

Student Name: _____

Advisor: _____