Associate of Applied Science (AAS) in Industrial Technology with Emphasis in Electrical Maintenance
2008-2010 Advising Worksheet

✓	Skill Enhancement Courses (dependent on placement scores)					
	BSKL 010 Basic English w/Lab	3			BSKL 061 Basic Math w/Lab	3
	BSKL 015 Reading	3			BSKL 064 Elementary Algebra	3
	BSKL 020 Introduction to Writing	3			MATH 107 Technical Math I	3
	Note: Course numbers below 100 (above) will not apply for graduation requirements					
✓	**Shared CORE**	**18**		✓	**General Education Requirements**	**18**
	*IEM 106 Industrial Mechanics	3			ENGL 101 Composition I ***or*** ENGL 112 Tech Writing	3
	*IEM 108 Fluid Power Technology	3			SPTH 101 Public Speaking	3
	*IEM 102 Electric Fundamentals	3			HIST 101 US History Before 1877 ***or*** HIST 102 US History After 1877 ***or*** POLS 101 Amer/National Government	3
	*IEM 104 Electrical Power	3			MATH 108 Tech Math II	3
	*IEM 112 Control Circuit Troubleshooting	3			PHYS 125 Technical Science	4
	*IEM 114 Motor Control	3			Wellness Course	1
✓	**Emphasis CORE**	**18**			SS120 Employment Strategies	1
	*IEM 122 Intro to PLCs	3				
	*IEM 124 Intermediate PLCs	3				
	*IEM 132 Advanced PLCs	3				
	*IEM 134 PLC Networks	3				
	*IEM 142 Motion Control Systems	3				
	*IEM 144 Process Control	3				
✓	**Capstone course:**	**3**				
	IEM 200 Technology Integration, IEM Capstone	3				
✓	CORE Electives (select at least 9 credit hours)	**9**				
	In addition to the courses listed to the right, any MACH, WELD, IEM, AUTO, NET, CNST, CAD or MATH 107 may be taken as an elective.					
	Minimum Total Credits for Degree	***66***				

	IEM 140 Transformers and Motors	3
	IEM 136 General NEC Requirements	3
	IEM 138 Power Distribution	3
	IEM 118 Analog/Digital	3
	IEM 116 Solid State Devices	3
	IEM 110 Digital Principles	3
	IEM 126 Industrial Safety	3
	IEM 146 Quality Management & Control	3
	IEM 128 Maintenance Management	3

*Indicates courses which must be completed with a grade of "C" or higher

✓	Graduation Requirements
	Completed the minimum required hours?
	Completed all required courses?
	Last 12 hours completed at SFCC?
	Transferring credit back & Registrar approved?
	MO Constitution requirement met?
	GPA (minimum 2.0 required for graduation)
	Exit Exam scheduled/taken?
	Application for Graduation completed? (Students should apply for graduation immediately after enrolling for their last semester)

Not all courses are offered every semester

Advisor for this major:
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www.sfccmo.edu

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