

**INDUSTRIAL SYSTEMS TECHNOLOGY
A50240
Suggested Sequence: Evening Students
2008-2009**

			Class	Lab	Credit				Class	Lab	Credit
Fall Semester						Summer Semester					
ACA	111	College Student Success	1	0	1	ISC	112	Industrial Safety	2	0	2
ELC	113	Basic Wiring I	2	6	4			Program Elective			3
ELC	118	National Electrical Code	1	2	2	Total Credit Hours:					5
Total Credit Hours:						7					
Spring Semester						Fall Semester					
ELC	114	Basic Wiring II	2	6	4	ENG	111	Expository Writing	3	0	3
MAT	115	Mathematical Models	2	2	3	MNT	110	Intro to Maint Procedures	1	3	2
		Program Elective			3	Social/Behavioral Science Elective			3	0	3
Total Credit Hours:						Total Credit Hours:					
10						8					
Summer Semester						Spring Semester					
ELC	115	Industrial Wiring	2	6	4	ENG	114	Research & Reporting	3	0	3
Total Credit Hours:						HYD	110	Hydraulics/Pneumatics	2	3	3
4						Total Credit Hours:					
9						6					
Fall Semester						Summer Semester					
ELC	112	DC/AC Electricity	3	6	5	Humanities/Fine Arts Elective			3	0	3
ELC	117	Motors and Controls	2	6	4	Total Credit Hours:					
Total Credit Hours:						3					
9						Fall Semester					
Spring Semester						BPR	111	Blueprint Reading	1	2	2
WLD	112	Basic Welding Processes	1	3	2	MAC	111AB	Machining Technology I-AB	2	6	4
		Program Elective			3	Total Credit Hours:					
		Program Elective			3	6					
Total Credit Hours:						Spring Semester					
8						CIS	110	Intro to Computers	2	2	3
						MAC	111BB	Machining Technology I-BB	0	6	2
						Total Credit Hours:					
						5					
Total Hours Required for Graduation:											71

Program Electives:

AHR	110	Intro to Refrigeration	2	6	5
AHR	112	Heating Technology	2	4	4
AHR	113	Comfort Cooling	2	4	4
COE	XXX	Co-op Work Experience	0	0	1
COE	XXX	Co-op Work Experience	0	0	2
ELC	119	NEC Calculations	1	2	2
ELC	128	Intro to PLC	2	3	3
ELC	135	Electrical Machines I	2	2	3
ELN	229	Industrial Electronics	2	4	4
MAC	112	Machining Technology	2	12	6
WLD	110	Cutting Processes	1	3	2
WLD	111	Oxy-Fuel Welding	1	3	2
WLD	115AB	SMAW (Stick) Plate-A	1	5	3
WLD	115BB	SMAW (Stick) Plate-B	1	4	2

Co-op Option: Qualified students may elect to take up to 3 credit hours of cooperative education in place of 3 hours of Program Elective.