

PROGRAM PLANNING GUIDE

**ELECTRONICS ENGINEERING TECHNOLOGY
A40200**

Replaces Curriculum Schedule with Revision Date: FA2016

Date Revised: FA2017

CURRICULUM BY SEMESTER

Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Fall Semester 1								
EGR	131		Intro to Electronics Tech			1	2	2
ELC	131		Circuit Analysis I			3	3	4
ELN	133		Digital Electronics			3	3	4
ENG	111		Writing and Inquiry			3	0	3
MAT	121		Algebra/Trigonometry I*			2	2	3

Spring Semester 1								
ELN	131		Analog Electronics I			3	3	4
ELN	260		Prog Logic Controllers			3	3	4
ELN	275		Troubleshooting			1	3	2
HUM	110		Technology and Society			3	0	3
PSY	118		Interpersonal Psychology			3	0	3

Summer Semester 1								
ELN	132		Analog Electronics II			3	3	4
ELN	231		Industrial Controls			2	3	3

Fall Semester 2								
CSC	133		C Programming			2	3	3
ELN	232		Introduction to Microprocessors			3	3	4
ELN	234		Communication Systems			3	3	4
			Major Electives			-	-	3

Spring Semester 2								
ELN	152		Fabrication Techniques			1	3	2
ELN	233		Microprocessor Systems			3	3	4
ELN	235		Data Communication Systems			3	3	4
ENG	114		Professional Research & Reporting			3	0	3
			Major Electives			-	-	3

Graduation Requirement Credit Hours: 69

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MAJOR ELECTIVES					
			Hours Per Week		
Course No.	Course Title		Class	Lab	Credits
Major Electives		Credit Hours Needed:	6		
ATR	214	Advanced PLCs	3	3	4
ATR	215	Sensors and Transducers	2	3	3
ELN	236	Fiber Optics and Lasers	3	2	4
PCI	170	DAQ and Control	3	3	4
PCI	172	SCADA Systems	3	3	4
PCI	262	Intro to Process Control	3	3	4
WBL	111	Work-Based Learning I	0	10	1

* May substitute MAT 161 or MAT 171

Students must have approval from the program director prior to registering for WBL 111.