

PROGRAM PLANNING GUIDE

**ELECTRONICS ENGINEERING TECHNOLOGY
A40200 (Evening)**

Replaces Curriculum Schedule with Revision Date: FA2018

Date Revised: FA2019

CURRICULUM BY SEMESTER

Course No.			Course Title			Hours Per Week		
						Class	Lab	Credits
Fall Semester 1								
ELN	133	Digital Electronics				3	3	4
MAT	121	Algebra/Trigonometry I				2	2	3

Spring Semester 1								
ELC	131	Circuit Analysis I				3	3	4
ELC	131A	Circuit Analysis I Lab				0	3	1
ENG	111	Writing and Inquiry				3	0	3

Summer Semester 1								
ELN	131	Analog Electronics I				3	3	4
HUM	110	Technology and Society				3	0	3

Fall Semester 2								
ELN	132	Analog Electronics II				3	3	4
ELN	260	Prog Logic Controllers				3	3	4

Spring Semester 2								
CSC	133	C Programming				2	3	3
ELN	232	Introduction to Microprocessors				3	3	4

Summer Semester 2								
ELN	231	Industrial Controls				2	3	3
ELN	234	Communication Systems				3	3	4

Fall Semester 3								
ELN	275	Troubleshooting				1	3	2
PSY	118	Interpersonal Psychology				3	0	3
		Major Electives				-	-	3

Spring Semester 3								
ELN	235	Data Communication Systems				3	3	4
		Major Electives				-	-	3

Summer Semester 3								
ELN	150	Computer-Aided Drafting for Electronics				1	3	2
ELN	233	Microprocessor Systems				3	3	4
ENG	114	Professional Research & Reporting				3	0	3

Graduation Requirement Credit Hours: 68

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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
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

Registrar's Office Approved - 5/24/19