

PROGRAM PLANNING GUIDE

ELECTRONICS ENGINEERING TECHNOLOGY

A40200 - Spring Start

Replaces Curriculum Schedule with Revision Date: FA2018

Date Revised: FA2019

CURRICULUM BY SEMESTER

			Hours Per Week		
Course No.		Course Title	Class	Lab	Credits
Spring Semester 1					
CSC	133	C Programming	2	3	3
ELC	131	Circuit Analysis I	3	3	4
ELC	131A	Circuit Analysis I Lab	0	3	1
ELN	133	Digital Electronics	3	3	4
MAT	121	Algebra/Trigonometry I	2	2	3

Summer Semester 1					
ELN	131	Analog Electronics I	3	3	4
ELN	275	Troubleshooting	1	3	2

Fall Semester 1					
ELN	232	Introduction to Microprocessors	3	3	4
ELN	234	Communication Systems	3	3	4
ELN	260	Prog Logic Controllers	3	3	4
ENG	111	Writing and Inquiry	3	0	3

Spring Semester 2					
ELN	150	Computer-Aided Drafting for Electronics	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

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

Fall Semester 2					
HUM	110	Technology and Society	3	0	3
PSY	118	Interpersonal Psychology	3	0	3
		Major Electives	-	-	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