

PROGRAM PLANNING GUIDE

**ELECTRONICS ENGINEERING TECHNOLOGY
A40200**

Replaces Curriculum Schedule with Revision Date: FA2019

Date Revised: FA2021

CURRICULUM BY SEMESTER

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

Semester 2								
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			

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

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

Semester 5								
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			

Graduation Requirement Credit Hours: 68

PROGRAM PLANNING GUIDE

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	172	SCADA Systems	3	3	4
PCI	262	Intro to Process Control	3	3	4
WBL	111	Work-Based Learning I	0	10	1
WBL	112	Work-Based Learning I	0	20	2

* May substitute MAT 161 or MAT 171