

PROGRAM PLANNING GUIDE

ELECTRICAL SYSTEMS TECHNOLOGY

D35130 Fall Start

Replaces Curriculum Schedule with Revision Date: 2023FA

Date Revised: 2025FA

CURRICULUM BY SEMESTER

						Hours Per Week		Credits	Semesters Offered
Course No.		Course Title	Pre-Requisites	Co-Requisites	Class	Lab			
Fall Semester 1									
ACA	115	Success & Study Skills	None	None	0	2	1	FA, SP	
ELC	112	DC/AC Electricity	None	None	3	6	5	FA, SP	
ELC	113	Residential Wiring	None	ELC 118	2	6	4	FA, SP	
ELC	118	National Electric Code	None	None	1	2	2	FA, SP	
		English Elective					3		

Spring Semester 1								
ELC 125	Diagrams and Schematics	None	None		1	2	2	FA, SP
ELC 114	Commercial Wiring	ELC 118	None		2	6	4	FA, SP
ELC 117	Motors and Controls	ELC 112 or ELC 131	None		2	6	4	FA, SP
ELC 119	NEC Calculations	ELC 118	None		1	2	2	FA, SP
	Social Science Elective						3	

Summer Semester 1								
ELC 128	Introduction to PLC	ELC 117 or ELN 231	None		2	3	3	SP, SU
ALT 120	Renewable Energy Technology	ELC 112	None		2	2	3	SU

Graduation Requirement Credit Hours: 36

ENGLISH ELECTIVES

					Hours Per Week		Credits	Semesters Offered
Course No.	Course Title			Class	Lab			
Major Electives Credit Hours Needed: 3								
ENG	110	Freshman Composition	ENG 002 (If required)	None	3	0	3	FA, SP, SU
ENG	111	Writing and Inquiry (University Transfer)	ENG 025 (If required)	ENG 045 (If required)	3	0	3	FA, SP, SU

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SOCIAL SCIENCE ELECTIVES								
					Hours Per Week		Credits	Semesters Offered
Course No.		Course Title				Class		
Major Electives		Credit Hours Needed: 3						
PSY	118	Interpersonal Psychology	None	None	3	0	3	FA, SP, SU
PSY	150	General Psychology (University Transfer)	ENG 002 or ENG 025 (If required)	None	3	0	3	FA, SP, SU