



Program Planning Guide

Electrical Systems Technology Diploma (D35130C)

Program Length: 3 semesters

Program Sites: Chatham Main Campus

Career Pathway Options: Associate in Applied Science Degree in Electrical Systems Technology;
 Diploma in Electrical Systems Technology

Suggested Course Schedule		Class	Lab	Work	Credits	Notes:
1st Semester (fall)						
ELC 112	DC/AC Electricity	3	6	0	5	
ELC 113	Residential Wiring	2	6	0	4	
BPR 130	Print-Reading Construction	3	0	0	3	
CST 131	OSHA/Safety/Certification	2	2	0	3	
ACA 122	College Transfer Success	0	2	0	1	
	Total Semester Hours	10	16	0	16	
2nd Semester (spring)						
ELC 114	Commercial Wiring	2	6	0	4	
ELC 117	Motors and Controls	2	6	0	4	
CMT 120	Codes and Inspections	3	0	0	3	
Social/Behavioral Sciences Requirement		3	0	0	3	
	Total Semester Hours	10	12	0	14	
3rd Semester (summer)						
ELC 128	Intro to PLC	2	3	0	3	
MNT 120	Industrial Wiring Methods	1	3	0	2	
English, select one:		3	0	0	3	
ENG 110	Freshman Composition					
ENG 111	Writing and Inquiry					
	Total Semester Hours	6	6	0	8	
Total Hours Required for Graduation: 38						

**Approved Social/Behavioral Science Electives
Associate in Applied Science Degree/Diploma**

ANT 210	General Anthropology
ANT 220	Cultural Anthropology
ECO 151	Survey of Economics
ECO 251	Principles of Microeconomics
ECO 252	Principles of Macroeconomics
HIS 111	World Civilization I
HIS 112	World Civilization II
HIS 131	American History I
HIS 132	American History II
HIS 222	African-American History I
HIS 223	African-American History II
HIS 226	The Civil War
HIS 236	North Carolina History
POL 120	American Government
PSY 150	General Psychology
PSY 237	Social Psychology
PSY 241	Developmental Psychology
PSY 246	Adolescent Psychology
PSY 281	Abnormal Psychology
SOC 210	Introduction to Sociology
SOC 213	Sociology of the Family
SOC 220	Social Problems
SOC 225	Social Diversity
SOC 232	Social Context of Aging
SOC 240	Social Psychology