

CERTIFICATES AND DEGREES

Technical Certificate B		
Freshman: First Semester		
Course #	Course Name	Credits
ELCT 105	AC/DC Circuits I	4
ELCT 110	Instruments & Measurements	1
ELCT 115	Print Reading	2
ELCT 120	National Electrical Code I	4
ELCT 149	Electrical Practicum I	3
INF 101	Intro to Computer Information Systems (or Science elective) ⁰⁷⁰	3
TEC 110	OSHA 10 Construction	1
Freshman: Second Semester		
Course #	Course Name	Credits
ELCT 150	Safety	2
ELCT 155	Residential Wiring I	4
ELCT 160	Motor Controls I	2
ELCT 165	Troubleshooting Techniques I	3
ELCT 170	National Electric Code II	4
ELCT 199	Electrical Practicum II	3
MATH 102	Technical Math (or Math elective) ⁰³⁰	3
Total Certificate Credits		39

Technical Certificate C		
Freshman: First Semester		
Course #	Course Name	Credits
ELCT 105	AC/DC Circuits I	4
ELCT 110	Instruments & Measurements	1
ELCT 115	Print Reading	2
ELCT 120	National Electrical Code I	4
ELCT 149	Electrical Practicum I	3
INF 101	Intro to Computer Information Systems (or Science elective) ⁰⁷⁰	3
TEC 110	OSHA 10 Construction	1
Freshman: Second Semester		
Course #	Course Name	Credits
ELCT 150	Safety	2
ELCT 155	Residential Wiring I	4
ELCT 160	Motor Controls I	2
ELCT 165	Troubleshooting Techniques I	3
ELCT 170	National Electric Code II	4
ELCT 199	Electrical Practicum II	3
MATH 102	Technical Math (or Math elective) ⁰³⁰	3
Sophomore: First Semester		
Course #	Course Name	Credits
ELCT 205	Motor Controls II	2
ELCT 210	Troubleshooting Techniques II	2
ELCT 215	National Electric Code III	5
Sophomore: Second Semester		

Course #	Course Name	Credits
ELCT 250	Programmable Logic Controllers	3
ELCT 255	National Electric Code IV	4
ELCT 265	Commercial Wiring I	4
Total Certificate Credits		59

Associate of Applied Science

Freshman: First Semester

Course #	Course Name	Credits
ELCT 105	AC/DC Circuits I	4
ELCT 110	Instruments & Measurements	1
ELCT 115	Print Reading	2
ELCT 120	National Electrical Code I	4
ELCT 149	Electrical Practicum I	3
INF 101	Intro to Computer Information Systems (or Science elective) ⁰⁷⁰	3
TEC 110	OSHA 10 Construction	1

Freshman: Second Semester

Course #	Course Name	Credits
ELCT 150	Safety	2
ELCT 155	Residential Wiring I	4
ELCT 160	Motor Controls I	2
ELCT 165	Troubleshooting Techniques I	3
ELCT 170	National Electric Code II	4
ELCT 199	Electrical Practicum II	3
MATH 102	Technical Math (or Math elective) ⁰³⁰	3

Sophomore: First Semester

Course #	Course Name	Credits
ELCT 205	Motor Controls II	2
ELCT 210	Troubleshooting Techniques II	2
ELCT 215	National Electric Code III	5
FIN 205	Principles of Personal Finance (Required) ⁰⁷⁰	3
TEC 200	Workplace Ethics (or Gen Ed Elective) ⁰⁶⁰	3

Sophomore: Second Semester

Course #	Course Name	Credits
ELCT 250	Programmable Logic Controllers	3
ELCT 255	National Electric Code IV	4
ELCT 265	Commercial Wiring I	4
ENGL 105	Technical Writing (or COMM/ENG elective) ^{010 or 020}	3

Total Degree Credits **68**

Systemwide General Education (SGE) Key

- 010 English
- 020 Communications
- 030 Math & Statistics
- 040 Natural & Physical Sciences
- 050 Social & Behavioral Science
- 060 Arts & Humanities
- 070 Institutionally Designated

* Course descriptions for General Education courses can be found in the General Education section of the College Catalog.