

# ELECTRICIAN TECHNICIAN

## Associate in Applied Science

### Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

### Summary

Prescribed Program	58
General Education	16
Digital Literacy	
<b>Total Credits</b>	<b>74</b>

### Degree Plan

#### Semesters

Course	Title	Credits
<b>1<sup>st</sup> Year</b>		
<b>Fall Semester</b>		
ENRT 106	DC Fundamentals	2
ENRT 108	AC Fundamentals	3
ELTR 101	Electrical Industry and Safety	3
ELTR 110	National Electrical Code I	2
ELTR 112	Residential Wiring	5
	<b>Credits</b>	<b>15</b>
<b>Spring Semester</b>		
ELTR 113	Commercial/Industrial Wiring	5
ELTR 111	National Electrical Code II	2
ELTR 114	Conduits and Practical Skills	3
ELTR 206	Advanced Electrical Concepts	3
	<b>Credits</b>	<b>13</b>
<b>2<sup>nd</sup> Year</b>		
<b>Fall Semester</b>		
ELTR 210	National Electrical Code III	2
ELTR 205	Electrical Services	3
ELTR 202	Blueprints and Diagrams	5
ELTR 208	Three-Phase Systems and Transformers	3
	<b>Credits</b>	<b>13</b>
<b>Spring Semester</b>		
ICTL 235 & 235L	Motors and Controllers and Motors and Controllers Lab	5
ICTL 245 & 245L	Controls and Controls Lab	5
ELTR 211	Code Applications and Calculations	2
ELTR 212	Low Voltage Wiring and Telecommunications	5
	<b>Credits</b>	<b>17</b>
	<b>Total Credits</b>	<b>58</b>

## General Education

### Written or Oral Communications

ENGL 110	College Composition I	3
Select one of the following:		3
COMM 110	Fundamentals of Public Speaking	
ENGL 125	Introduction to Professional Writing	

**Credits Subtotal** 6

### Arts & Humanities/Social & Behavioral Sciences

Select 3 credits from the "Arts & Humanities" or "Social and Behavioral Sciences" categories on the General Education matrix. 3

**Credits Subtotal** 3

### Business, Math, Science, & Technology

CIS 164	Networking Fundamentals I	4
Select one of the following:		3
MATH 137	Applied Algebra	
MATH 210	Elementary Statistics	

**Credits Subtotal** 7

**General Education Total Credits** 16

## Digital Literacy

Select one of the following:

ENGL 110	College Composition I	
NDUS Institution Approved Training Course		
NDUS Institution Designated Digital Literacy Course		