

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	
Total Credits	74

Degree Plan

Semesters

Course	Title	Credits
1st Year		
Fall Semester		
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
Credits		15
Spring Semester		
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
Credits		13
2nd Year		
Fall Semester		
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
Credits		13
Spring Semester		
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
Credits		17
Total Credits		58

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
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Digital Literacy

Select one of the following:

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