

Electrician

Electricians play a vital role in powering homes, businesses, and industries by installing, maintaining, and repairing electrical systems. They work in a variety of settings, including residential homes, commercial buildings, and industrial facilities, using specialized tools and following strict safety standards. Most electricians work full time, with opportunities for advancement and steady employment in a high-demand field.



APPLY NOW

About the Program

This certificate program equips students with the knowledge and hands-on skills needed for success in the electrical trade.

High School Dual Enrollment Students may enroll part time or full time.



1500 Clock Hour Certificate

TERM #1 (Fall or Spring)

- BCV 0010C - Electrician Helper I (150Hrs)
- BCV 0021C - Electrician Helper II (150Hrs)
 - Student completes FDOE curriculum frameworks OCP A (BCV 0603) at this point.

TERM #2 (Fall or Spring)

- BCV 0641C - Residential Electrician I (150Hrs)
- BCV 0631C - Residential Electrician II (150Hrs)

TERM #3 (Fall or Spring)

- BCV 0632C - Residential Electrician III (150Hrs)
 - Student completes FDOE curriculum frameworks OCP B (BCV 0640) at this point.
- BCV 0652C - Commercial Electrician I (150 Hrs)

TERM #4 (Fall or Spring)

- BCV 0654C - Commercial Electrician II (150Hrs)
- BCV 0665C - Commercial Electrician III (150 Hrs)
 - Student completes FDOE curriculum frameworks OCP C (BCV 0652) at this point.

TERM #5 (Fall or Spring)

- BCV 0667C - Industrial Electrician I (150Hrs)
- BCV 0668C - Industrial Electrician II (150 Hrs)
 - Student completes FDOE curriculum frameworks OCP D (BCV 0667) at this point.

Industry Certifications

National Center for Construction

Education & Research (NCCER)

- Electrical - Level 4

DE Entry Requirements

- High school approval to enroll
- Must be at least 16 years of age
- Minimum 2.0 Unweighted GPA

*A basic skills assessment must be completed within the first six (6) weeks of program admission. Students must meet the basic skills requirement through required scores or an exemption to receive a certificate of completion at the end of the program.



Estimated Hourly Wages

Florida: \$20.02 - \$26.68

15.8% Anticipated Job Growth Rate by 2034

*floridajobs.org - 2025-26 Florida Statewide
Demand Occupations List; 2026-2034
Occupational Employment Projections*

Related Jobs/Careers

- Electrical Service Technician
- Smart Home/Alarm/Security Installer
- Data Cable/Electrical Systems Installer
- Plant/Industrial Maintenance Electrician

FDOE Program # I460314 | CIP 46.0302





Dual Enrollment Pathway Planner

Electrician

Program Type: Career Certificate
Location: NFC Main Campus

Total Clock Hours: 1500
Estimated Completion Time: 5 Terms (Part Time - MTWRF)

Part Time Pathway

Term 1: 300 Hours (Fall -or- Spring)

BCV 0010C

ELECTRICIAN HELPER I

Record Course Reference Number (CRN) Here

___ Morning (8:30 am - 11:30 am)

-or-

BCV 0021C

ELECTRICIAN HELPER II

___ Afternoon (12:30 pm - 3:30 pm)

Term 2: 300 Hours (Fall -or- Spring)

BCV 0641C

RESIDENTIAL ELECTRICIAN I

___ Morning (8:30 am - 11:30 am)

-or-

BCV 0631C

RESIDENTIAL ELECTRICIAN II

___ Afternoon (12:30 pm - 3:30 pm)

Term 3: 300 Hours (Fall -or- Spring)

BCV 0632C

RESIDENTIAL ELECTRICIAN III

___ Morning (8:30 am - 11:30 am)

-or-

BCV 0652C

COMMERCIAL ELECTRICIAN I

___ Afternoon (12:30 pm - 3:30 pm)

Term 4: 300 Hours (Fall -or- Spring)

BCV 0654C

COMMERCIAL ELECTRICIAN II

___ Morning (8:30 am - 11:30 am)

-or-

BCV 0665C

COMMERCIAL ELECTRICIAN III

___ Afternoon (12:30 pm - 3:30 pm)

Term 5: 300 Hours (Fall -or- Spring)

BCV 0667C

INDUSTRIAL ELECTRICIAN I

___ Morning (8:30 am - 11:30 am)

-or-

BCV 0668C

INDUSTRIAL ELECTRICIAN II

___ Afternoon (12:30 pm - 3:30 pm)



Full Time Pathways Available

8:30 am - 3:30 pm (Morning & Afternoon)

Students who are able to transition to full-time attendance may enroll in up to three courses (450 clock hours) during the Fall or Spring term, or up to two courses (300 clock hours) in the summer*.

*See course schedule for details

Submit Your Registration Requests

Using the Course Reference Numbers (CRNs) you recorded, submit your course requests using the Dual Enrollment Online Registration Request Form. Your requests will be reviewed and approved by your High School Guidance Counselor.

