



Possible Employment Opportunities*

- Electrician's helper/Electrician's Assistant
(residential, commercial, and industrial electrical systems) ◀
- Maintenance and Repair Workers ◀
- Electrical Service Technician ◀

ELECTRICAL WITH PLC

DIPLOMA

This Electrical with PCL Diploma Program prepares the student with technical skills and practical knowledge to perform installation tasks, services, and repairs in the electrical trade specializing in PLC (Programmable Logic Controller). Graduates from this program will be able to fill positions as electrician helpers for service and construction firms in residential, commercial, and industrial businesses associated with the electrical trade industry.

Certifications

Students are eligible for certification of completion for:

- OSHA 10 Safety
- NCCER Core Curriculum
- NCCER Electrical Level 1, 2, 3

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NUC
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FTC is approved by State Approving Agency for Veterans' Affairs

*These examples are intended to serve only as a general guide of possible employment opportunities. There are many factors that determine the job an individual may obtain and Florida Technical College cannot guarantee its graduates any particular job. Some positions may require a license, degree, experience or other industry certifications. We encourage you to research the requirements for the particular position you desire. Program availability varies by campus.



7 Florida campuses*

*Program availability varies by location.

ELECTRICAL WITH PLC

DIPLOMA

Admission Requirements

- High School Diploma or a recognized equivalent.

Duration Of Program

- 12 month
- 64 quarter credit

Distribution

- 300 lecture hours
- 600 lab hours
- 900 total contact hours

Courses

- Safety and Craft Skills
- Introduction to Electrical Trades
- Raceway Systems & Electrical Construction Drawings
- AC & DC Motor Control
- Circuit Breaks & Branch Circuits
- Electrical Services & Transformers
- Overcurrent Protection & Electrical Calculations
- Electrical System Calculations
- Fundamentals of Emergency & Renewable Energy Systems
- Digital Electronics
- Programmable Logic Controller (PLC)
- Programmable Logic Controller Units: Lab



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