

# GUIDED PATHWAY: COMMERCIAL ELECTRICAL TECHNOLOGY CERTIFICATE

## MANUFACTURING and INDUSTRIAL TECHNOLOGY CAREER PATH



For more information, visit the [Dallas College Electrical Technology webpage](http://www.dcccd.edu/ElectricalTech) [www.dcccd.edu/ElectricalTech] and your academic advisor at the North Lake Campus.

This is an example course sequence for students interested in pursuing the Commercial Electrical Technology Certificate. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn a certificate in Commercial Electrical Technology. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. See catalog for [official certificate requirements](#).

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites.

Catalog Year	2021-2022	You may use this pathway if you entered Dallas College on or before this date.
Degree Type	Level I Certificate	
GPA Requirement	Student must earn a GPA of 2.0 or higher	
<a href="#">TSI</a>	May be Exempt	

### SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students. This is not an official degree plan. See catalog for [official certificate requirements](#).

#### CERTIFICATE MINIMUM: 27 SEMESTER CREDIT HOURS

#### SEMESTER 1

Total Hours: 9

[ELPT 1311](#)—Basic Electrical Theory  
[ELPT 1370](#)—Electrical Blueprint Reading  
[ELPT 1329](#)—Residential Wiring

##### SEMESTER 1 ACTION ITEMS

1. Meet with your advisor to confirm academic and career goals before the end of the semester.
2. Meet with a career advisor or coach to research your career options and opportunities for job shadowing.

#### SEMESTER 2

Total Hours: 6

[ELPT 1325](#)—National Electrical Code I  
[IEIR 1312](#)—Distribution Systems

##### SEMESTER 2 ACTION ITEMS

1. Meet with your advisor to request an official program of study audit and confirm or update your academic/career path and program of study.

#### SEMESTER 3

Total Hours: 9

[ELPT 1345](#)—Commercial Wiring  
[ELPT 2325](#)—National Electrical Code II *This is the capstone course for this award.*  
[ELPT 1341](#)—Motor Control

##### SEMESTER 3 ACTION ITEMS

1. Meet with a career advisor or coach for assistance in preparing for job search.
2. Meet with a faculty or career advisor regarding placement for the Coop course, if needed.

#### SEMESTER 4

Total Hours: 3

**CHOOSE ONE:** [ELTN 1380](#)—Cooperative Education—Electrician **OR**

***SEMESTER 4 ACTION ITEMS***

1. After reviewing your degree plan and program of study, meet with your advisor to apply for the Commercial Electrical Technology Certificate.
2. Sign up for commencement.
3. Join the [Alumni Network](#)!

**PATHWAY TOTAL: 27 SEMESTER CREDIT HOURS**