

GUIDED PATHWAY: ELECTRICAL CONSTRUCTION CERTIFICATE

For more information, visit www.dcccd.edu/ElectricalTech and your academic advisor at North Lake College.

This is an example course sequence for students interested in pursuing the Level I certificate in Electrical Construction. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn the Electrical Technology – Electrical Construction Certificateⁱⁱ. Courses from this certificate may apply to the related AAS degree. Gainful employment information for this certificate can be found at https://www1.dcccd.edu/catalog/programs/degree_gei.cfm?a=159. For official certificate requirements, [click here](#).

In partnership with the Dallas Electrical Joint Apprenticeship and Training Committee, this program provides a one-year (three-semester) certificate in Electrical when the students complete the technical and on-the-job training outlined in the certificate for Electrical listed below. Topics include: electrical theory, fundamentals of electrical, electrical job information, electrical calculations, circuits and systems, commercial and industrial wiring, motor controls, basic motor controls with an emphasis on safety. Courses that complete the Certificate (C) are noted below.

Students pursuing this certificate are waived from the [Texas Success Initiative \(TSI\)](#) standards, but must meet course prerequisites, as long as the student completes the TSI waiver form prior to enrollment.



ONLY Offered at NLC

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTSⁱⁱⁱ
ALL MAPS CAN BE MODIFIED TO FIT THE NEEDS OF PART-TIME STUDENTS

C	SEMESTER 1	ACTION ITEMS
◆	ELPT 1215 – Electrical Calculations I	<input type="checkbox"/> Meet with an advisor to confirm academic and career goals before the end of the semester. <input type="checkbox"/> Meet with a career advisor or coach to research your career options and opportunities for job shadowing.
◆	ELTN 1470 – Electrical Construction I	
◆	ELTN 1471 – Electrical Construction II	
◆	ELTN 1472 – Electrical Construction III	
◆	ELTN 1473 – Electrical Construction IV	
TOTAL SEMESTER CREDIT HOURS: 18		
C	SEMESTER 2	ACTION ITEMS
◆	ELTN 1474 – Electrical Construction V	<input type="checkbox"/> Meet with your advisor to request an official program of study audit, confirm or update your academic/career path and program of study.
◆	ELTN 1475 – Electrical Construction VI	
◆	ELTN 1476 – Electrical Construction VII	
TOTAL SEMESTER CREDIT HOURS: 12		
C	SEMESTER 3	ACTION ITEMS
◆	ELTN 1477 – Electrical Construction VIII	<input type="checkbox"/> Meet with a career advisor or coach for assistance in preparing for job search. <input type="checkbox"/> Meet with your advisor to apply for the Electrical Construction Certificate.
◆	ELTN 1478 – Electrical Construction IX	
◆	ELTN 1479 – Electrical Construction X	
TOTAL SEMESTER CREDIT HOURS: 12		
CERTIFICATE MINIMUM: 42 SEMESTER CREDIT HOURS PATHWAY TOTAL: 42 SEMESTER CREDIT HOURS		

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered one of the seven colleges on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours required for graduation through instruction by the DCCCD college awarding the certificate.

ⁱⁱⁱ This is not an official degree plan. For official certificate requirements, [click here](#).

THIS PATHWAY WAS LAST UPDATED ON JULY 8, 2019