

Electrical Technology 1

Local Course #: 88820

State Course ID: 13005600

Course Description:

In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

Link to TEKS:

[https://texas-sos.appianportalsgov.com/rules-and-meetings?recordId=225442&queryAsDate=08%2F07%2F2025&interface=VIEW_TAC_SUMMARY&\\$locale=en_US](https://texas-sos.appianportalsgov.com/rules-and-meetings?recordId=225442&queryAsDate=08%2F07%2F2025&interface=VIEW_TAC_SUMMARY&$locale=en_US)

First 9 Weeks Major Topics:

Intro to Electrical / Safety / Intro to Circuits

Second 9 Weeks Major Topics:

Electrical Theory / National Electric Code (NEC) / Cables and Conductors

Third 9 Weeks Major Topics:

Device Boxes / Wireways Raceways and Fittings / Hand Bending

Fourth 9 Weeks Major Topics:

Construction Drawings / Residential Wiring / Electrical Test Equipment