

Electrical Technology 2

Local Course #: 88821

State Course ID: 13005700

Course Description:

In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a 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, alternating current and direct current motors, conductor installation, installation of electrical services, and electric lighting installation.

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:

Alternating Current / Motors Theory and Application

Second 9 Weeks Major Topics:

Electric Lighting / Pull and Junction Boxes / Conductor Installations

Third 9 Weeks Major Topics:

Conduit Bending / Grounding and Bonding

Fourth 9 Weeks Major Topics:

Circuit Breakers and Fuses / Control Systems Fundamental Concepts