

HVAC LEVEL 1

Local Course #: 84011

State Course ID: 13005800

Course Description:

In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I, students will gain knowledge and skills needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance industry, prepare for a postsecondary degree in a specified field of construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

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:

Introduction to HVAC / Basic Electricity

Second 9 Weeks Major Topics:

Intro to Cooling / Intro to Heating

Third 9 Weeks Major Topics:

Trade Mathematics / Air Distribution

Fourth 9 Weeks Major Topics:

Basic copper and Plastic piping / Brazing piping / Basic Carbon Steel piping