

HVAC LEVEL 2

Local Course #: 84012

State Course ID: 13005900

Course Description:

In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II, students will gain advanced knowledge and skills needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors, 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, use of tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.

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 / Components / Compressors

Second 9 Weeks Major Topics:

Heat Pumps / Refrigerants and Oils / EPA 608 Refrigerant certification

Third 9 Weeks Major Topics:

Basic Maintenance / Leak Detection, Recovery, and Charging / Evacuation /

Fourth 9 Weeks Major Topics:

Service / Trouble Shooting / Brazing