

Plumbing Technology II

Local Course #: 84015

State Course ID: 13006100

Course Description:

In Plumbing Technology II, students will gain the advanced knowledge and skills needed to enter the industry as a plumber, building maintenance technician, or supervisor or prepare for a postsecondary degree in mechanical engineering. Students will acquire knowledge and skills in plumbing codes, industry workplace basics, and employer/customer expectations, including tool and jobsite safety, advanced plumbing mathematics, commercial drawings, basic electricity, hanger installation, supports and structural penetrations, roof drains, fixture installation, valves and faucets, and oxy-fuel safety. Students will also learn about setup, cutting, brazing, and welding water system sizing; gas, drain, waste and vent installation and testing; and water heater installation

Link to TEKS:

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225445](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225445)

First 9 Weeks Major Topics:

Resume writing

interviewing

Plumbing Math Two

Second 9 Weeks Major Topics:

Reading Commercial Drawing

Structural Penetrations, Insulation, and Firestopping

Installing and Testing DWV Piping

Third 9 Weeks Major Topics:

Installing Roof, Floor, and Area Drains

Installing and Testing Water Supply Piping

Types of Valves

Fourth 9 Weeks Major Topics:



Installing Fixtures and Valves

Installing Water Heaters/ Basic Electricity

Fuel Gas and Fuel Oil Systems