

Plumbing Technology I

Local Course #: 84014

State Course ID: 13006000

Course Description:

In Plumbing Technology, I, students will gain knowledge and skills needed to enter the industry as a plumbing apprentice, building maintenance technician, or supervisor or prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in industry workplace basics and employer/customer expectations, including how to use a plumbing code book; how to identify and use power and hand tools; how to be safe on the job site and when using hand and power tools; how to apply basic plumbing mathematics and plumbing drawing; and how to identify, fit, and use plastic, copper, cast iron, carbon steel, and corrugated stainless steel pipe.

Link to TEKS:

[https://texas-sos.appianportalsgov.com/rules-and-meetings?\\$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225444](https://texas-sos.appianportalsgov.com/rules-and-meetings?$locale=en_US&interface=VIEW_TAC_SUMMARY&queryAsDate=08%2F06%2F2025&recordId=225444)

First 9 Weeks Major Topics:

Introduction to the Plumbing Profession

Plumbing Safety

Tools of the Plumbing Trade

Second 9 Weeks Major Topics:

Introduction to Plumbing Math

Introduction to Plumbing Drawings

Plastic Pipe and Fittings

Third 9 Weeks Major Topics:

Copper Tube and Fittings

Cast-Iron Pipe and Fittings

Steel Pipe and Fittings

Fourth 9 Weeks Major Topics:

Introduction to Plumbing Fixtures

Introduction to Drain, Waste, and Vent (DWV) Systems

Introduction to Water Distribution Systems