

CEFA

Course descriptions

All course material used by CEFA is the Contren Learning Series. Nationally recognized credentials are earned upon successful completion of each module.

Core Curriculum (a pre-requisite to ALL craft courses)

72.5 Hours

Consists of covering Basic Safety, Introduction to Construction Math; Introduction to Hand Tools, Introduction to Power Tools, Introduction to Blueprints, Basic Rigging

PLUMBING

Level 1

Consists of: Introduction to the Plumbing Trade; Plumbing Tools; Introduction to Plumbing Math; Introduction to Plumbing Drawings; Plastic Pipe and Fittings; Copper Pipe and Fittings; Cast-Iron Pipe and Fittings; Carbon Steel Pipe and Fittings; Fixtures and Faucets; Introduction Drain, Waste, and Vent (DWV) Systems; Introduction to Water Distribution Systems

Level 2

Consists of: Intermediate Math; Reading Commercial Drawings; Installing and Testing DWV Piping; Installing Roof, Floor, and Area Drains; Types of Valves; Installing and Testing Water Supply Piping; Installing Fixtures, Valves, and Faucets; Installing Water Heaters; Fuel Gas Systems; Servicing of Fixtures, Valves, and Faucets

Level 3

Consists of: Applied Math; Codes; Types of Venting; Indirect and Special Waste; Sewage Pumps and Sump Pumps; Sizing Water Supply Piping; Backflow Preventers; Water Pressure Boosters and Re-circulating Systems; Servicing Piping Systems, Fixtures, and Appliances

Level 4

Consists of: Business Math for Plumbers; Sizing DWV and Storm Systems; Private Water Supply Systems; Private Waste Disposal Systems; Locating Buried Water and Sewer Lines; Hydronic and Solar Heating; Water Supply Treatment; Swimming Pools and Hot Tubs; Compressed Air; Corrosive-Resistant Waste Piping; Plumbing for Mobile Homes and Mobile Home Parks; License Prep