

PLUMBER/PIPEFITTER (PFPB)

PFPB 1306 Basic Blueprint Reading for Plumbers 3 Credits (2 Lec, 2 Lab)

This course includes an introduction to reading and interpreting working drawings. Includes symbols and abbreviations and the use of sketching techniques to create isometric and orthographic drawings of drain, waste, vent, hot and cold water, and gas piping components.

Course Type: Technical

PFPB 1321 Plumbing Maintenance and Repair 3 Credits (2 Lec, 4 Lab)

This course includes instruction in the practices and procedures employed by a plumber including public relations.

Course Type: Technical

PFPB 1323 Plumbing Codes 1 3 Credits (3 Lec, 0 Lab)

This course includes state and local plumbing codes and the application of potable water, waste water, and gas systems relating to residential and light commercial settings.

Course Type: Technical

PFPB 1408 Basic Pipefitting Skills 4 Credits (2 Lec, 4 Lab)

This course covers mathematical operations necessary to calculate laying lengths of pipe fittings for fabrication. Identification and use of hand tools and power tools. Identification of pipe, pipe fittings, flanges, and fasteners used in the trade.

Course Type: Technical

PFPB 1443 Pipefitting Fabrication and Blueprint Reading 4 Credits (2 Lec, 4 Lab)

This course is a continuation of basic pipefitting skills including fabrication, rigging, pipe hangers and supports, blueprint reading, standards and specifications, and trade math.

Course Type: Technical

PFPB 2308 Piping Standards and Materials 3 Credits (2 Lec, 4 Lab)

This course includes the identification, description, and application of piping standards and specifications. Includes identification and use of various metallic and non-metallic piping materials, identification and installation of valves, and material take-offs.

Course Type: Technical

PFPB 2409 Residential Construction Plumbing 1 4 Credits (2 Lec, 4 Lab)

This course includes skill development in the procedures and techniques employed by a plumber in the rough-in and top-out stages of a new home or the remodeling of an older home.

Course Type: Technical

PFPB 2432 Advanced Pipefitting Standards, Specifications, and Installation 4 Credits (2 Lec, 4 Lab)

This course covers skill development in motorized equipment, above-ground pipe installation valves, field routing and vessel trim, spring can supports, testing piping systems and equipment, basic plumbing, planning work activities, and Non-Destructive Testing (NDT).

Prerequisite(s): PFPB 1408, PFPB 1443

Course Type: Technical

PFPB 2433 Pipefitting: Advanced Fabrication and Installation 4 Credits (2 Lec, 4 Lab)

This course covers advanced pipe fabrication and pipe alignment for rotating equipment. Includes identifying, describing, applying, and maintaining steam traps, in-line specialties, special piping, hot taps, and valves.

Prerequisite(s): PFPB 1408, PFPB 1443

Course Type: Technical