APPRENTICESHIP - PIPE TRADES

The program requirements have been updated effective Winter Quarter 2022. To view the requirements for Summer Session 2021 and Fall Quarter 2021, refer to the Apprenticeship - Pipe Trades (summer and fall) listing. If you have any questions, please meet with a Foothill counselor.

Program Description
Pipe Trades consist of Plumbers, Steamfitters, and Refrigeration & Air Conditioning (HVAC) Mechanics who work with the various materials and fixtures used in installation, removal, maintenance, extension and alteration of a plumbing system. Plumbing systems include all sanitary drainage, storm drainage facilities, special wastes, vent systems, public or private water systems and gas piping within or adjacent to any building. This program serves those students who want to further their post-secondary education.

Learn more about the program on the Apprenticeship website.

Program Learning Outcomes
Students gain expertise and hands-on experience as they work on plumbing systems to include: drain waste and vent systems, systems for various industrial fluids, public or private water systems and gas piping systems. These specialized skills are acquired through on-the-job training and classroom instruction and lead to employment in the construction and service industry. After five years of classroom and work experience, students are recognized as journeypersons within the pipe trades industry.

Career Opportunities
Upon completion of all course requirements and 8000 hours of on-the-job training and 1080 hours of related training class work, graduates will be eligible for the State Certificated Pipe Trades Examination. Depending upon the student's career interest and courses taken, graduates may find employment as a: commercial plumber, residential plumber, HVAC service mechanic, steamfitter, welder, building inspector, refrigeration fitter, construction foreman, air conditioning specialist, building inspector or HVAC equipment technician.

Award Type(s)
• CA = Certificate of Achievement

Units Required
• Certificate(s): 24

Certificate Requirements
Certificate of Achievement in Plumbing and Pipefitting Apprenticeship
Formerly: Certificate of Achievement in Plumbing/Pipefitting/Pipe Trades Apprenticeship

Note: the Certificate of Achievement in Plumbing and Pipefitting Apprenticeship has been moved to the Apprenticeship - Plumbing and Pipefitting listing.