



# Pipefitting and Plumbing Technology

This course is designed to introduce the student to various techniques used in the pipefitting plumbing trade: pipe fabrication and installation, blueprint reading and isometric drawings, measurement techniques, hand and power tools, cutting and prepping pipe , using a cutting torch, threading pipe, grooving , soldering ,brazing , solvent joining pipes and installing valves.

| Program/Location              | Length    | Days          | Time           |
|-------------------------------|-----------|---------------|----------------|
| Day Program/ Knoxville Campus | 12 Months | Monday-Friday | 8:00am—2:30 pm |

| Curriculum/Courses                      | Completion Award                    | Required Hours  |
|---|-------------------------------------|-----------------|
| First Trimester                         |                                     |                 |
| PFP 0001 Worker Characteristic          | Pipefitter Helper                   | Certificate 432 |
| PFP 1010 Technology Foundations         | Pipefitter                          | Certificate 864 |
| PFP 1020 NCCER Core Curriculum          | Pipefitting and Plumbing Technician | Diploma 1296    |
| PFP 1030 NCCER Pipefitting Level 1      |                                     |                 |
| PFP 1040 NCCER Pipefitting Level 2      |                                     |                 |
| Second Trimester                        |                                     |                 |
| PFP 0002 Worker Characteristic          |                                     |                 |
| PFP 2010 NCCER Pipefitting Level 2      |                                     |                 |
| PFP 2020 NCCER Pipefitting Level 3      |                                     |                 |
| PFP 2030 Introduction to Plumbing Codes |                                     |                 |
| Third Trimester                         |                                     |                 |
| PFP 0003 Worker Characteristic          |                                     |                 |
| PFP 3010 NCCER Pipefitting Level 3      |                                     |                 |
| PFP 3020 NCCER Pipefitting Level 4      |                                     |                 |

### Typical Job Opportunities

- Entry Level Pipefitter
- Entry Level Plumber
- Entry Level Sprinkler Fitter

### HOW TO APPLY

- ⇒ Complete the **Free Application For Federal Student Aid (FAFSA)** online – the website is [www.fafsa.ed.gov](http://www.fafsa.ed.gov) and our school code is 004025.
- ⇒ Complete **TCAT Knoxville Application for Enrollment** online at [www.tcatknoxville.edu](http://www.tcatknoxville.edu) and select **APPLY NOW**

**Completion Rate for 2017= 91%**  
**Placement Rate for 2017 = 100%**