



# 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
<b>First Trimester</b>		
PFP 0001 Worker Characteristic	Pipefitter Helper	Certificate 432
PFP 1010 Technology Foundations	Pipefitter	Certificate 864
PFP 1020 NCCER Core Curriculum	Pipefitting and Plumbing	Diploma 1296
PFP 1030 NCCER Pipefitting Level 1		
PFP 1040 NCCER Pipefitting Level 2		
<b>Second Trimester</b>		
PFP 0002 Worker Characteristic		
PFP 2010 NCCER Pipefitting Level 2		
PFP 2020 NCCER Pipefitting Level 3		
PFP 2030 Introduction to Plumbing Codes		
<b>Third Trimester</b>		
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

*All Documents Must be Presented Together to Apply*

- 1. FAFSA—Provide Proof of Completed FAFSA School Code = 004025 at [www.fafsa.ed.gov/](http://www.fafsa.ed.gov/)**
- 2. Complete TCAT Application for Enrollment (Form is Attached)**

**Placement Rate for 2016 = 100%**





## Pipefitting and Plumbing Technology

### Book, Tool, and Supply List

1st Trimester				
Tuition		Cost		Total
Tuition*		\$	1,169.00	
Technology Access Fee*		\$	67.00	
Student Activity Fee*		\$	10.00	
OSHA 10 Training		\$	25.00	
<b>TOTAL</b>				<b>\$1,271.00</b>

  

Book	ISBN	Cost	Required	
Pipefitting Level 1, 3rd edition	9780132273107	\$ 90.00	x	
Pipe Fitter's & Pipe Welder's Handbook	9780028025001	\$ 30.00	x	
Pipefitters Blue Book	9780970832122	\$ 23.00	x	
Core Curriculum: Intro Craft Skills, Ed 5th	9780134130989	\$ 72.00	x	
Pipe Fabricators Blue Book	9780970832139	\$ 23.00	x	
TI-30xa Scientific Calculator	no isbn	\$ 13.00	x	
<b>TOTAL</b>				<b>\$251.00</b>

  

Tools	Needed By	Cost	Required	
Tape Measure, 1 in x 25 ft, carbon steel	First day of class	\$ 15.00	x	
Magnetic Glo-View Torpedo Level 9 inch	First day of class	\$ 22.00	x	
Angle Gringer, 4 1/2 in, no load RPM 12000	First day of class	\$ 82.00	x	
Channel locks 12 in	First day of class	\$ 20.00	x	
Adjustable Wrench, 12 in	First day of class	\$ 31.00	x	
Wrap-a-Round Tape, Blade 6 ft x 3 7/8	First day of class	\$ 21.00	x	
2 Straight Pipe Wrench, Ductile Iron, 18 inch	First day of class	\$ 26.00	x	
32 oz Ball pein Hammer	First day of class	\$ 20.00	x	
Triple Flint Lighter, with/1 Flint Renewal	First day of class	\$ 8.00	x	
Combination Set, 12 in, 3 pc, Trisquare	First day of class	\$ 122.00	x	
Plumb Bob 8 oz	First day of class	\$ 12.00	x	
Soapstone Marker Set, 5 pc	First day of class	\$ 7.00	x	
6' Stick Ruler Folded	First day of class	\$ 12.00	x	
<b>TOTAL</b>				<b>\$398.00</b>

  

Supplies		Cost	Required	
Leather Drivers Gloves, Cowhide	First day of class	\$ 15.00	x	
Ear Plugs, 30db, Corded, Reg, 5 PR	First day of class	\$ 3.00	x	
Clear Uncoated Safety Glasses	First day of class	\$ 2.00	x	
Blue Jean Shirt long sleeve or green fire retardent jacket	First day of class	\$ 20.00	x	
Four Navy Blue Tshirts	First day of class	\$ 7.00	x	
Silver Metalic Sharpies	First day of class	\$ 7.00	x	
<b>TOTAL</b>				<b>\$54.00</b>

All Costs are Estimated and Subject to Change Without Notice Revised: 8/24/2017

\*Denotes costs that can be covered by TN Promise and TN Reconnect

## 2nd Trimester

Tuition	Cost	Total
Tuition*	\$ 1,169.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
<b>TOTAL</b>		<b>\$1,246.00</b>

Book	ISBN	Cost	Required
Pipefitting Level 2, 3rd edition	9780132273145	\$ 130.00	x
Pipefitting Level 3, 3rd edition	9780132272841	\$ 130.00	x
<b>TOTAL</b>			<b>\$260.00</b>

## 3rd Trimester

Tuition	Cost	Total
Tuition*	\$ 1,169.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
<b>TOTAL</b>		<b>\$1,246.00</b>

Book	ISBN	Cost	Required
Pipefitting level 4, 3rd edition	9780136144298	\$ 130.00	x
<b>TOTAL</b>			<b>\$130.00</b>

Miscellaneous Cost	Cost	Required
Graduation Supplies	\$ 40.00	x
<b>TOTAL</b>		<b>\$ 40.00</b>
<b>TOTAL PROGRAM COST</b>		<b>\$4,896.00</b>

All Costs are Estimated and Subject to Change Without Notice Revised: 8/24/2017

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**OFFICE USE ONLY**

**ADMISSIONS REQUIREMENTS**

FAFSA       I will not be filing financial aid. I will be paying for my education. Students Initials: \_\_\_\_\_

**SPECIAL ADMISSIONS REQUIREMENTS**

**Cosmetology:**

Photo    Proof of Age    Copy of SS Card    RT/LT Handed    Manicuring Only  
 Educational Transcripts

**Dental Assisting, Medical Assisting, and Surgical Technology**

HESI scores: Math 70 and Reading 70 | Compass scores: Math 30 and Reading 70

HESI | ACT | Compass Scores: \_\_\_\_\_ Math \_\_\_\_\_ Reading \_\_\_\_\_ (Date: \_\_\_\_\_)  
 CPR Documentation (BLS for Healthcare Providers)  
 Educational Transcripts    Immunizations

**Medical Office Information Technology**

Educational Transcripts

**Practical Nursing:**

HESI required scores: Math 70 and Reading 70 | Compass scores: Math 50 and Reading 80

Notarized Declaration of Citizenship    Copy of ID Used to Declare Citizenship  
 CPR Documentation (BLS for Healthcare Providers)  
 Educational Transcripts    Immunizations  
 HESI | ACT | Compass Scores: \_\_\_\_\_ Math \_\_\_\_\_ Reading \_\_\_\_\_ (Date: \_\_\_\_\_)

**Truck Driving:**

MVR       DOT Physical       Valid Driver's License  
 U.S. Citizenship / Residency

**Staff Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_