



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	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

All Documents Must be Presented Together to Apply

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

Placement Rate for 2016 = 100%



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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		
TOTAL				\$1,271.00
Book				
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	
TOTAL				\$251.00
Tools				
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 peen 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	
Hardhat	First day of class	\$ 7.00	x	
Safety Harness with Lanyard	First day of class	\$ 82.00	x	
TOTAL				\$487.00
Supplies				
Supplies	Needed By	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	
TOTAL				\$54.00

All Costs are Estimated and Subject to Change Without Notice Revised: 10/27/2017

*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	
TOTAL		\$1,246.00

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

3rd Trimester

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

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

Miscellaneous Cost	Cost	Required
Graduation Supplies	\$ 40.00	x
TOTAL		\$ 40.00
TOTAL PROGRAM COST		\$4,985.00

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TENNESSEE COLLEGES OF APPLIED TECHNOLOGY

ENROLLMENT APPLICATION

Applicants must complete every item on this form, sign and date and return it to the College.

Personal Information	Full Legal Name _____ Last First Middle Address _____ City _____ County _____ State _____ Zip _____ Email Address _____ - - / / Gender: ___ M ___ F Social Security _____ Date of Birth _____ Age _____ Marital Status: ___ Married ___ Single Preferred Phone Number: _____ Race: Do you consider yourself to be Hispanic/Latino/Spanish origin? ___ Yes ___ No Select one or more of the following racial categories to best describe you: ___ American Indian/Alaska Native ___ Native Hawaiian/Pacific Islander ___ Asian ___ White ___ Black or African American Citizenship status: ___ US Citizen or US National ___ US Dual Citizen ___ US Permanent Resident or Refugee ___ Other US Forces Status: ___ Currently Serving ___ Previously Serving ___ Current Dependent ___ N/A ALL MALES 18 OR OLDER MUST be registered with Selective Service. Have you registered for Selective Service? ___ Not required to registered ___ Registered ___ Required to register, but not registered
Prior Education/ Training	Education (insert highest level of education completed): _____ Name of last high school attended: _____ High school graduation date (mm/yyyy): _____ GED Diploma Date _____ Are you seeking credit for prior education, training or work experience? ___ Yes ___ No
Program	Please review the campuses website and provide the program name choice for career training (Example: Administration Office Technology) _____ When will you be available to enroll in class? ___ Fall ___ Spring ___ Summer Do you plan to apply for financial aid? ___ Yes ___ No

Signature of Applicant: _____ Date of Application: _____

The Tennessee Colleges of Applied Technology (TCATs) do not discriminate on the basis of race, color, religion, creed, ethnic or national origin, sex, sexual orientation, gender identity/expression, disability, age, status as a covered veteran, genetic information and any other category protected by federal or state civil rights law with respect to all employment, programs and activities sponsored by the TCATs.



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: _____