



**WASHBURN TECH**  
UNIVERSITY

PURSUE A PIPELINE  
TO A PROMISING CAREER

# Plumbing Technology

[CONSTRUCTION]

Life, as we know it, would not be possible without the hard work of plumbers. This high demand career offers both personal and financial rewards. Professional plumbers install and repair pipes for water, gas and sewage. They also install sanitary facilities such as toilets, showers, laundry equipment and sinks. If you are a hands on person, this is a fitting choice for you!

## LEARNING AT WASHBURN TECH

Washburn Tech's Plumbing Technology program introduces students to the knowledge and skills required for entry into the residential plumbing industry. You will learn how to read site plans and install various pipes, pipe-fittings, fixtures and valves. Instruction also covers water distribution systems and key aspects of waste removal systems. Codes and regulations pertaining to the plumbing industry are key topics, as well. The program concludes with an internship, providing each student with hands on experience under the guidance of professionals in the field. Attending half-day, you can complete this 26-credit hour program in two semesters. **Please note, this program is offered at Washburn Tech East at 2014 SE Washington St. in Topeka.**

## JOB AND SALARY OUTLOOK

Employment of plumbers, pipefitters and steamfitters is projected to grow 5 percent by 2030, according to the U.S. Bureau of Labor

Statistics. Much of the growth is attributed to a retiring workforce. The Kansas Department of Labor lists the average entry-level salary for a plumber at \$24.69 an hour or \$51,359 annually. The average is \$35.05 an hour or \$72,897 annually.

## ENTRY REQUIREMENTS

For dual-credit high school students submission of an application, official partial transcript, and consent to enroll form are required. Adult students must complete an application as well as submit a copy of official transcripts. Students must be at least 16 years old and have a driver's license.

## CERTIFICATIONS

- + OSHA-30
- + NCCER Plumbing Level I

## Build your best self.

TALK TO AN ADMISSIONS  
COUNSELOR TODAY!

785.670.2200

## CAREERS IN PLUMBING»

- + pipe/steamfitter
- + residential plumber
- + pipe layer
- + gas service technician
- + business owner
- + fire sprinkler installer
- + project manager
- + hydraulic plumber



## COURSE DESCRIPTIONS

### INTRODUCTORY CRAFT SKILLS

Covers shop and job site safety, construction math, hand and power tools of the trade, basic blueprint reading, communication skills, and employability skills

### OSHA-30 CONST IND CERT

Provides an overview of basic OSHA regulations and safety. The course will stress the importance of protective equipment, fall protection, hazard recognition and other topics on job site safety

### INTRODUCTION TO PLUMBING TECHNOLOGY

The course introduces the student to the basic knowledge of the plumbing occupation. Topics include professional opportunities in plumbing, plumbing safety, and tools of the trade

### PLUMBING BLUEPRINT READING

Exposes students to the concepts required to read plans, calculate pipe length, determine fitting allowances, lay out fixtures, and much more

### PLUMBING FIXTURES & FITTINGS

Students will be introduced to fixtures, faucets, drain assemblies and water supply systems. Students will study and practice safe installation applications of basic residential plumbing devices.

### PLUMBING ELECTRICITY AND GAS

Plumbing systems use devices that contain electrical circuits. In this course, students will learn how to install and service plumbing electrical systems, understand how electrical components work, and learn how to read circuit diagrams and use electrical test equipment. Additionally, this course exposes students on the types of fuel systems and their installation processes involved in the plumbing industry

### PLUMBING FIXTURES I & II

Provides instruction on installing drains and water distribution systems, identifying types and purposes of different fixtures and valves, installing water heaters, and an overview of electrical safety as it applies to the plumbing profession

### PLUMBING INTERNSHIP OR PLUMBING PROJECTS

Provides an opportunity for students to apply classroom knowledge to an actual work environment; the internship offers on-the-job experience under the supervision of industry professionals; student spends a minimum of 15 hours per week on the jobsite



## APPLICATION CHECKLIST



**SUBMIT  
APPLICATION**



**MEET WITH  
ADMISSIONS**



**SUBMIT  
TRANSCRIPT(S)**



**ENROLL IN  
CLASSES**

## 2025-2026 PROGRAM COSTS (Estimated)

|                | HIGH SCHOOL  | ADULT          |
|----------------|--------------|----------------|
| Tuition        | \$0          | \$4,290        |
| All other fees | \$164        | \$1,366        |
| <b>TOTAL</b>   | <b>\$164</b> | <b>\$5,222</b> |

\*Tiered courses are paid by Excel in CTE. Non-tiered courses are paid by the student.

## ADDITIONAL CHARGES (Estimated)

|             | HIGH SCHOOL | ADULT |
|-------------|-------------|-------|
| Tools/Books | \$0         | \$0   |

## MORE INFO »

For more programs, enrollment and course schedule information, please contact Admissions. Financial Aid is available to those who qualify.

**CALL 785.670.2200**

**TO TALK W/ ADMISSIONS COUNSELOR**