



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 25-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, tool safety, personal protective devices, protective railings, proper storage and handling of construction materials and construction drawings

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 FIXTURES & FITTINGS

Covers plastic pipe and fittings, copper tube and fittings, cast-iron pipe and fittings, steel pipe and fittings, plumbing fixtures, drain, waste and vent (DWV) systems

OSHA-10 GENERAL INDUSTRY CERTIFICATE

Provides an overview of the Occupational Safety and Health Administration Construction Training Topics

CARPENTRY BASICS

Topics include construction drawings, basic rigging, communication and employability skills, and materials handling. Successful completion of Introductory Craft Skills and and Carpentry Basics will earn students NCCER Core credential

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 ELECTRICITY AND GAS

Plumbing systems use devices that contain electrical circuits. Learn how to install and service plumbing electrical systems and learn how to read circuit diagrams and use electrical test equipment. This course also exposes students on the types of fuel systems and their instillation processes involved in the plumbing industry

PLUMBING FIXTURES I & II

Introduces the study and practice of safe installation applications of basic residential plumbing devices

PLUMBING INTERNSHIP & 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

2024-2025 PROGRAM COSTS (Estimated)

	HIGH SCHOOL	ADULT
Tuition	\$0	\$3,950
All other fees	\$97	\$1,272
TOTAL	\$97	\$5,222

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

ADDITIONAL CHARGES (Estimated)

	HIGH SCHOOL	ADULT
Tools/Books	\$400	\$400

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