

“Skilled employees are the lifeblood of our business. They are the single biggest factor in the growth and survival of our company. Our biggest challenge is hiring quality employees who wish to stay in our local area. Tarkio College will enable me to recruit and potentially hire the type of trained employees we are constantly searching for at Wallin Plumbing & Heating, Inc.”

Jade Hagey
President
Wallin Plumbing & Heating, Inc.



PLUMBING



Tarkio Tech

**Rising to Meet the Blue-Collar
Needs of the Region**

It is the policy of the Tarkio Technology Institute not to illegally discriminate on the basis of race, color, national origin, gender, disability, religion, creed, age (for employment), marital status (for programs), sexual orientation, gender identity and socioeconomic status (for programs) in its educational programs and its employment practices. There is a grievance procedure for processing complaints of discrimination. If you have questions or a grievance related to this policy please contact the Institute's Equity Coordinator, Sheridan Mires, 404 North 13th St., Tarkio, MO 64491, (660)623-9071

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PLUMBING TECHNOLOGY PROGRAM

Tarkio Tech offers Basic and Advanced Plumbing Certificates, and a Diploma in Plumbing Technology. The certificates build upon each other to provide students a complete program in plumbing, which prepares them for work as apprentice plumbers. By adding academic courses, the two certificates can be turned into a diploma. Students may take any individual course without being in a plumbing program as long as they meet the course prerequisites.

PROGRAM ENTRY REQUIREMENTS

Before registering for the Plumbing program, students must demonstrate competence in Mathematics with a minimum of 75 on the arithmetic portion of the College Placement Test, or provide a transcript showing a grade of C or higher in Senior High School Mathematics or by completing MATH098 College Preparation Math with a grade of C or higher. Students must apply for admission to a program and register for classes through the school's Admission/Registrar Office. Students must meet class prerequisites, have the instructor's permission, and there must be available space in the class.

PLUMBING TECHNOLOGY DIPLOMA

(Credits for Completion: 41)

TOTAL COST \$8800 includes

One time \$20.00 Admissions Fee

One time \$400.00 Equipment Fee

The Plumbing Technology Diploma prepares individuals to work in the field of plumbing by applying technical knowledge and skills to layout, assemble, install, and maintain piping fixtures and systems for natural gas, LP gas, hot water, drainage, sprinkling, and plumbing processing systems in residential and commercial environments. This includes instruction in source determination, water service and distribution, waste removal, pressure adjustment, basic physics, technical mathematics, print reading, pipe installation, pumps, soldering, plumbing inspection, and applicable codes and standards. In addition to completing the two certificates in plumbing, students are required to take Communications, English, and Applied Physics. Communication, English, and Applied Physics are offered during the summer term, which is 8 weeks. Students are required to have 41 credits to receive the Plumbing Technology Diploma.

Description	Class Hrs	Lab Hrs	Total Weekly Hrs	Credits
PL101 - Modern Plumbing	3	10	13	8
PL102 - Plumbing Maintenance and Repairs	2	8	10	6
WD101- Basic Welding	1	2	3	2
BP101 - Blue Print Reading-Construction	2	2	4	3
PL110 - Advanced Plumbing	2	6	8	5
PL120 - Plumbing Estimating	1	2	3	2
PL201 - Commercial Plumbing	2	2	4	3
PL202 - Basic Electrical for Plumbers	2	2	4	3
Comm101 - Communications	3	0	3	3
ENG103 - Writing and Inquiry	3	0	3	3
PHY103 - Applied Physics	2	2	4	3
TOTALS	23	36	59	41

BASIC PLUMBING CERTIFICATE

(Credits for Completion: 16)

TOTAL COST \$3620 includes

One time \$20.00 Admissions Fee

One time \$200.00 Equipment Fee

The Plumbing Certificate offers a program to develop residential plumbing skills by focusing on residential venting, drains, water systems and fixture installation. This certificate will prepare a student for residential rough-in and finish work. Students learn aluminum welding. An OSHA safety course is taken as part of the Basic Plumbing course. To obtain the basic plumbing Certificate, students must have 16 credits in the following courses.

Description	Class Hrs	Lab Hrs	Total Weekly Hrs	Credits
PL101 - Modern Plumbing	3	10	13	8
PL102A - Plumbing Maintenance and Repairs	1	4	5	3
WD101- Basic Welding	1	2	3	2
BP101- Blue Print Reading-Construction	2	2	4	3
TOTALS	7	18	25	16

ADVANCED PLUMBING CERTIFICATE

(Credits for Completion: 16)

TOTAL COST \$3570 includes

One time \$20.00 Admissions Fee

One time \$200.00 Equipment Fee

The advanced Plumbing Certificate completes preparation for residential plumbing and provides preliminary training in commercial plumbing. In the Advanced Plumbing course, students gain experience working with professional plumbers. Students also learn basic print reading for plumbing and basic electrical understanding for plumbers. Plumbing Estimating provides basic business principles for plumbers. Students must have completed the **Basic Plumbing Certificate** before beginning the Advanced Certificate. To obtain the Advanced Plumbing Certificate, students must have 16 credits in the following courses.

Description	Class Hrs	Lab Hrs	Total Weekly Hrs	Credits
PL102B - Plumbing Maintenance and Repairs	1	4	5	3
PL110 - Advanced Plumbing	2	6	8	5
PL120 - Plumbing Estimating	1	2	3	2
PL201 - Commercial Plumbing	2	2	4	3
PL202 - Basic Electrical for Plumbers	2	2	4	3
TOTALS	8	16	24	16