

WESTERN DAKOTA TECH

PLUMBING TECHNOLOGY

Diploma, 30 Credit Hours, 9-Month Program

The Plumbing Technology program prepares students to begin a career in plumbing. Coursework provides technical understanding and skills development and integrates theory with practical experience. Through the program, students develop skills in piping techniques and procedures, plumbing and piping systems, residential and commercial system installations, blueprint reading, and isometric interpretation. The successful graduate is eligible for one year's credit on his or her apprenticeship card and employment at an advanced apprenticeship level in a variety of businesses.

There are many career opportunities for graduates of the plumbing program. The plumbing trade offers challenging and interesting work in commercial and residential settings for those with the desire to work as designers, installers, and troubleshooters. Graduates may also choose to advance to master plumber status or start their own businesses.

The primary objective of the Plumbing Technology program is to prepare students to be successful in the plumbing field. Students will take coursework in plumbing theory, plumbing practices, plan and print reading, and other technical skills. Additionally, students will receive training in soft skills such as communication and math. The Plumbing program delivers a solid foundation in plumbing technology.

| Course No. | Course Title | Credits |
|---------------------------------------|-----------------------------------|-----------|
| General Education Requirements | | |
| MATH 104 | TECHNICAL MATHEMATICS** | 3 |
| PSYC 103 | HUMAN RELATIONS IN THE WORKPLACE | 3 |
| | Total | 6 |
| Technical Requirements | | |
| PLU 150 | PLUMBING THEORY I | 3 |
| PLU 155 | PLUMBING THEORY I LAB | 4 |
| PLU 160 | PLUMBING CODE | 3 |
| PLU 165 | PLUMBING PRINT READING & DRAFTING | 2 |
| PLU 170 | PLUMBING THEORY II | 3 |
| PLU 175 | PLUMBING THEORY II LAB | 4 |
| PLU 180 | PLUMBING FIXTURES & REPAIR | 2 |
| PLU 185 | PLUMBING FIXTURES & REPAIR LAB | 3 |
| | Total | 24 |

Remedial coursework must be completed in the first semester.

*Prerequisite: Acceptable ACCUPLACER score or Basic Writing.

**Prerequisite: Acceptable ACCUPLACER score or Elementary Algebra.

Semester Breakdown Diploma

| First Semester | | | Second Semester | | |
|---------------------------|-----------------------------------|-----------|---------------------------|----------------------------------|-----------|
| | | CR | | | CR |
| MATH 104 | Technical Mathematics | 3 | PLU 170 | Plumbing Theory II | 3 |
| PLU 150 | Plumbing Theory I | 3 | PLU 175 | Plumbing Theory II Lab | 4 |
| PLU 155 | Plumbing Theory I Lab | 4 | PLU 180 | Plumbing Fixtures & Repair | 2 |
| PLU 160 | Plumbing Code | 3 | PLU 185 | Plumbing Fixtures & Repair Lab | 3 |
| PLU 165 | Plumbing Print Reading & Drafting | 2 | PSYC 103 | Human Relations in the Workplace | 3 |
| Total Credit Hours | | 15 | Total Credit Hours | | 15 |

2022-2023 Academic Catalog - 5/2022

Apply online today at wdt.edu or call Admissions Department at (605)718-2565 or email admissions@wdt.edu

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