

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 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