

## **Plumbing Technology**

### **Diploma, 36 Credit Hours, 12-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.

The Plumbing Technology diploma enhances the skills students obtain in the Plumbing Technology certificate. In addition to plumbing skills, students will expand their knowledge in English and Computer Information Systems. These additional courses promote and advance essential knowledge, skills, and values students need in the workforce.

<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>
<b>General Education Requirements</b>		
CIS 105	MICROCOMPUTER SOFTWARE APPLICATIONS	3
ENGL 106	WORKPLACE COMMUNICATIONS I	3
MATH 104	TECHNICAL MATHEMATICS*	3
PSYC 103	HUMAN RELATIONS IN THE WORKPLACE	3
	<b>Total</b>	<b>12</b>
<b>Technical Requirements</b>		
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
	<b>Total</b>	<b>24</b>

**Remedial coursework must be completed in the first semester.**

\*Prerequisite: Acceptable ACCUPLACER score or Basic Math.

Important information about the educational debt, earnings, and completion rates of students who attended this program can be found at [wdt.edu/gainful-employment](http://wdt.edu/gainful-employment).

## Semester Breakdown

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

<b>Summer Semester</b>		
		<b>CR</b>
ENGL 106	Workplace Communications I	3
CIS 105	Microcomputer Software Applications I	3
<b>Total Credit Hours</b>		<b>6</b>