

PLUMBING PRE-APPRENTICESHIP DIPLOMA

Entry Time

Fall

Award

Diploma

1 year (2 terms)

The Plumbing Technology program provides entry-level skills and knowledge for students preparing to enter the plumbing industry. Classes in the first semester focus on safety, hand and power tools, materials, pipe joining methods, code book layout, plan and print reading and trade calculation. Hands-on classes concentrate on pipe joining, pipe materials and basic pipe fitting practices.

The second semester covers plumbing code requirements, installation requirements for drain, waste and vent systems, water pipe systems, gas pipe systems, gas venting systems, cross connection and backflow prevention. The hands-on class includes design and construction of a three-fixture washroom group and testing and troubleshooting backflow prevention devices.

This diploma is eligible for state and federal financial aid.

Career Opportunities

- plumbing installation technician
- plumbing maintenance technician
- plumbing service technician
- plumbing apprenticeship program

Diploma Requirements

Course	Title	Credit Hours
Term 1		
Fall		
MAT-737	Applied Plumbing Math	3
PLU-130	Plumbing Theory I	6
PLU-140	Plumbing Practices I	4
PLU-148	Plan and Print Reading for Plumbing	2
PLU-932	Internship	2
	Term Totals:	17
Term 2		
Spring		
MAT-738	Applied Plumbing Math II	1
PLU-132	Plumbing Theory II	8
PLU-142	Plumbing Practices II	4
PLU-150	Plumbing Plan and Print Reading II	2

Communications Course		3
	Term Totals:	18
	Program Totals:	35