

**ACCELERATED
TRAINING INSTITUTE**



Plumbing101 Course

Instruction Hours	30
Study Hours	75
Length	1 to 12 Months
Modality	Self-paced, 100% online





Plumbing 101 Course Description

This comprehensive Plumbing Course teaches the A to Z of the plumbing trade theory according to the Uniform Plumbing Code (UPC) and is taught by a licensed plumbing instructor. Students receive consistent, high-level instruction in everything related to plumbing from the rough-in, top-out and installation of all new construction plumbing, to basic repair and maintenance. They will also learn how to install everything from tubs, sinks, lavatories and fixtures to hot water heaters and commercial grease traps.

Objectives

Upon successful completion, this course results in a Certificate in Plumbing Theory, preparing an individual to enter employment in positions involving Maintenance Plumbing, Plumbing Assistance and the plumbing work involved in General Maintenance and Repair positions such as Maintenance Mechanic, Facilities Maintenance Technician, and Building Maintenance and Repair Technician.

1. This course is NOT intended to lead to becoming a Licensed Plumber.
2. General Maintenance and Repair (SOC 49-9042 Idaho Department of Labor, SOC 49-9071 US Department of Labor), is a non-licensure occupational classification as are various trade assistant jobs in plumbing, including but not limited to (47-3015, Helpers-Pipelayers, Plumbers, Pipefitters, Steamfitters [US Department of Labor]). For more occupational information on these and related SOC's go to: www.onetonline.org.
3. Only employees working on their employer's premises, or individuals working on their own residence, may perform plumbing work without a Journeyman or Contractor's License. Additionally, maintenance employees are prohibited from certain types of plumbing work without a license. Permissible tasks for maintenance workers involve repairing and replacing of existing plumbing systems, operating and maintaining plumbing systems, and working directly with licensed Plumbing Journeymen. A self-employed individual may not perform any plumbing (except on their own residence) without a Plumbing Contractor's License. Certificates of this institute do not qualify an individual to work as a licensed Plumber or as a licensed Contractor. Students are prohibited from doing any plumbing work outside of their own residence unless the student is concurrently employed in maintenance, engaging in repair and maintenance of existing plumbing on the employer's premises. When installing new plumbing systems, the student must be working under the constant supervision of a licensed Journeyman Plumber or Plumbing Contractor.
4. In order to become a licensed Plumber, an individual must be at least 16 years of age, register as an apprentice plumber, be employed by a licensed Plumbing Contractor, complete work under constant supervision of a licensed Plumbing Journeyman or Master employed by the Plumbing Contractor, and be enrolled in or have completed a four-year training program at an approved school. In order to become a licensed Journeyman Plumber, an individual must have completed 8,000 hours of qualified plumbing work as a registered apprentice under the constant supervision of a licensed Journeyman or Master Plumber, and passed the licensure exam.
5. For more information, visit <http://dbs.idaho.gov>.





Equipment and materials used in this course include: An internet-capable computer, internet connection, web browser, online examinations.

Instructional Mode: Distance education not in real time. All instruction is provided via pre-recorded video lessons and online examinations. Lessons occur at a time and location determined by the student.

Method of Instruction: This course is taught in pre-recorded video instruction; however, the students can access instructors whenever they have technical questions or need assistance with completing the coursework. Students submit their questions by email to faculty@atitradeschools.com, after which they will receive an email reply and/or a telephone call from a Student Support Specialist.

Testing and Certificate Requirements: When you complete the video instruction in the Plumbing Course, you will take an online examination to test your knowledge. Also, for each of the assigned chapters, you may optionally complete an end-of-chapter quiz. Quizzes are optional study tools to support passing your final exam. Exams are online, not timed, and are open video. Once started, an online exam may be suspended but must be completed within 60 days. When you pass your final exam with a score of 80% or higher, you will receive a Plumbing Theory Certificate.

Grading System: Students are graded on a pass/fail basis.

Passing Grade: A passing grade is given to a student who achieves a score of 80% or higher on all examinations in the Plumbing Course.

Failing Grade: A failing grade is given to a student who has failed to achieve a score of 80% or higher on all examinations in the Plumbing Course.

Plumbing 101 Course Outline

Lesson	Title
Lesson 1	Introduction
Lesson 2	History
Lesson 3	Safety
Lesson 4	Drain Waste and Vent Systems - Part 1
Lesson 5	Drain Waste and Vent Systems - Part 2
Lesson 6	Drain Waste and Vent Systems - Part 3
Lesson 7	Drain Waste and Vent Systems - Part 4
Lesson 8	Drain Waste and Vent Systems - Part 5
Lesson 9	Drain Waste and Vent Systems - Part 6
Lesson 10	Water Supply Systems – Part 1
Lesson 11	Water Supply Systems – Part 2
Lesson 12	Water Supply Systems – Part 3
Lesson 13	Water Supply Systems – Part 4
Lesson 14	Fuel Gas and Misc Plumbing Systems – Part 1
Lesson 15	Fuel Gas and Misc Plumbing Systems – Part 2
Lesson 16	Fuel Gas and Misc Plumbing Systems – Part 3
Lesson 17	Fuel Gas and Misc Plumbing Systems – Part 4
Lesson 18	Fuel Gas and Misc Plumbing Systems – Part 5