



NCCER – Plumber – Level 1

Certification website: [Plumbing - NCCER](#)

Credential Summary

This rigorous Plumbing curriculum prepares learners for a career as skilled plumbers. It covers the concepts technicians need to safely install, test, maintain, and repair many different types of pipe systems for residential, commercial, and public buildings. Coverage of math, drawings, code, and other critical knowledges skills ensure learners are set up for job success.

Overview

- **Related Instructional Hours:** 145
- **Exam details:** Pass with 70%
- **Third party testing provider:** National Center for Construction Education & Research (NCCER)
- **Exam cost:** \$3
- **Renewal details:** N/A

Job Opportunities

- **Relevant SOC codes**
 - Plumbers, Pipefitters, and Steamfitters 47-2152
 - Septic Tank Servicers and Sewer Pipe Cleaners 47-4071
- **Demand Information**
 - Average flame ranking = 3.53/5
- **Average Wages**
 - Ranges from \$45,770 (22.00 per hour) to \$67,360 (32.38 per hour)
(Average wages pulled as of October 2023)

Knowledge, Skills, and Competencies

- Introduction to the Plumbing Profession
- Plumbing Safety
- Tools of the Plumbing Trade
- Introduction to Plumbing Math
- Introduction to Plumbing Drawings
- Plastic Pipe and Fittings
- Copper Tube and Fittings
- Cast Iron Pipe and Fittings
- Steel Pipe and Fittings
- Introduction to Plumbing Fixtures
- Introduction to Drain, Waste, and Vent (DWV) Systems
- Introduction to Water Distribution Systems

Post Secondary Relevance

- **Credit for prior learning**
 - Ivy Tech gives credit



- **Next level programs of study**
 - Plumbing and Pipefitting Fundamentals
 - Advanced Plumbing and Pipefitting