

Area of Interest: Industrial Technology & Skilled Trades

Certificate: Plumbing Level I

College Catalog: [2026-2027](#)

Program Location

All Campuses

Program Description

The Plumbing Level I certificate program at Central Arizona College provides students with foundational knowledge and hands-on skills required for entry-level positions in the plumbing trade. Aligned with the nationally recognized **NCCER curriculum**, this program emphasizes safety, basic plumbing tools, pipe systems, plumbing math, drawings, and code requirements. Students will learn how to install, maintain, and repair piping systems in residential, commercial, and industrial environments. Upon successful completion of this certificate, students will earn **NCCER credentials**, making them more competitive in the workforce and providing a clear pathway for advancement into higher-level certifications and apprenticeship programs. Introduction to the Plumbing Profession, Plumbing Safety and Tools, Plumbing Math and Drawings, Plastic, Copper, and Cast-Iron Pipe Systems, Fixtures and Drain, Waste, and Vent (DWV) Systems, Introduction to Water Distribution Systems. Graduates will be prepared for entry-level employment in the plumbing industry or for continued training in Central Arizona College Plumbing Level II certificate using the NCCER plumbing curriculum.

Area of Interest Website: [Industrial Technology and Skilled Trades - Central Arizona College \(centralaz.edu\)](#)

Legend

Course Indicators

Bold = Required Course **(R)** = Recommended Course

Category (Cat. column)

The following abbreviations are used in the Cat. column:

Core Course (CC) Mathematics (M)

Semester 1

New Students — Find your suggested starting point for [English/Reading & Math](#) courses.

CAT.	COURSE	CREDITS	SEMESTER/GRADE	NOTES
CC	BCT100 NCCER Core	5		
CC	BCT150 Industrial Safety and OSHA 30	3		
CC	PLU121 Plumbing Level I	5		
M	MAT106 Technical Math or higher	3-4		

Semester Credits:

16-17

Meet with your advisor each Semester!

Total Certificate Credits:

16-17

2026-2027 Arizona Resident Tuition

For 2026-2027 Arizona Resident Tuition, please visit [Paying for College](#). Financial aid may be available.

Career Information

[CAC Career Center](#)

Free career resources and assistance for CAC students.

[O*NET OnLine](#)

Explore and search for detailed career information.

Search for occupations in **Plumbing**, including:

- Education requirements for specific occupations
- Occupation tasks, knowledge, skills, and abilities
- Salary and wages for specific occupations

Transfer Information

[CAC University Transfer Center](#)

Free transfer resources and assistance for CAC students.

Note:

Use this Program MAP as a guide to choose courses with your advisor and track progress towards milestones and completion of program. Work with an advisor to customize your plan to align with your specific career and/or transfer goals.

Part-Time Students

Plans can be modified to fit the needs of part-time students by adding more semesters.

Student Information

Student Name: _____ Advisor Name: _____

Student ID Number: 880 _____ Date: _____