



Plumbing

Federal and State Approved Apprenticeship Program

Building the Industry together
One Block at a Time

NCCER Core Curricula

- Basic Safety
- Introduction to Construction Math
- Introduction to Hand Tools
- Introduction to Power Tools
- Introduction to Blueprints
- Basic Rigging
- Basic Communication Skills
- Basic Employability Skills

NCCER Level One

- Introduction to the Plumbing Profession
- Plumbing Safety
- Plumbing Tools
- Introduction to Plumbing Math
- Introduction to Plumbing Drawings
- Plastic Pipe and Fittings
- Copper Pipe and Fittings
- Cast-Iron Pipe and Fittings
- Carbon Steel Pipe and Fittings
- Corrugated Stainless Steel Tubing
- Fixtures and Faucets
- Introduction to Drain, Waste and Vent (DWV) Systems
- Introduction to Water Distribution Systems

NCCER Level Two

- Plumbing Math Two
- Reading Commercial Drawings
- Hangers, Supports, Structural Penetrations, and Fire Stopping
- Installing and Testing DMV Piping
- Installing Roof, Floor, And Area Drains
- Types of Valves
- Installing and Testing Water Supply Piping
- Installing Fixtures, Valves, and Faucets
- Introduction to Electricity
- Installing Water Heaters
- Fuel Gas Systems
- Servicing of Fixtures, Valves, and Faucets

NCCER Level Three

- Applied Math
- Sizing Water Supply Piping
- Potable Water Treatment
- Backflow Preventers
- Types of Venting
- Sizing DMV and Storm Systems
- Sewage Pumps and Sump Pumps
- Corrosive-resistant Waste Piping
- Compressed Air

NCCER Level Four

- Business Principles for Plumbers
- Introductory Skills for the Crew Leader
- Water Pressure Booster and Recirculation Systems
- Indirect and Special Waste
- Hydronic and Solar Heating Systems
- Codes
- Servicing Piping Systems, Fixtures, and Appliances

Associated Builders and Contractors of Southern California, Inc. is a fully accredited Training Sponsor by the National Center for Construction Education and Research (NCCER) since 1996.