



U PLUMBING

APPRENTICESHIP TRAINING PROGRAM

Northern Virginia

2026-2027

ABC Virginia is an industry leader in construction apprenticeship programs. Companies that invest in employee development through apprenticeship programs attract a quality workforce of loyal and highly skilled employees, while closing the skilled workforce gap.

ABC-VA APPRENTICESHIP

ABC-Virginia has a long history of providing high quality, student-centered learning with an emphasis on hands-on training. Our goal is to give individuals the opportunity to learn a trade, become skilled crafts professionals, earn a good living, and build Virginia.

Through our educational affiliate, National Center for Construction Education and Research (NCCER), we use Contren, a competency-based, task-driven, and nationally recognized curriculum. ABC-VA instructors are required to complete a formal certification in order to ensure consistent delivery of the curriculum.

ELIGIBILITY

- 18 years of age or older
- Employed in the plumbing field
- Physically able to perform work in the plumbing trade
- Must be able to read and write in English
- High school diploma or GED equivalent

RELATED TRAINING

By providing employers with the Advisory Apprenticeship Program Standards, ABC-VA delivers the related classroom training component of apprenticeship.

VIRGINIA WORKS REGISTRATION

Employers must register as apprenticeship program sponsors and must register their apprentices on an individual basis with Virginia Works (formerly Virginia Department of Labor and Industry).

1. **Visit bit.ly/vaworks-apprenticeship (or click here)**
2. Fill out the Registered Apprenticeship Inquiry/Referral Form. Select Potential Employer/Sponsor as your status.

Virginia Works Phone: 804.786.6030
apprenticeship@virginiaworks.gov

Without this registration, a student is not considered an apprentice in the state of Virginia.

CERTIFICATIONS

If applicant has OSHA 10-Hour and/or CPR/First Aid certifications, submit with application. These are required training per the ABC-VA curriculum. If the apprentice does not have the certifications, we will offer the training at ABC-VA.

OSHA 10-Hour is offered to all Level I students. CPR, AED & First Aid training is offered to all Level I and Level III students.

Participation in plumbing apprenticeship training will be strictly limited to apprentices that are employed by companies that are licensed as plumbing contractors in Virginia.

COURSE CONTENT

LEVEL ONE

- Core Curriculum
- Intro to the Plumbing Profession
- Plumbing Safety
- Tools of the Plumbing Trade
- Intro to Plumbing Math
- Intro to Plumbing Drawings
- Plastic, Copper, Cast Iron & Steel Pipe & Fittings
- Intro to Plumbing Fixtures
- Intro to Drain, Waste and Vent (DWV) Systems
- Intro to Water Distribution Systems
- CPR, AED & First Aid Certification
- OSHA 10 Hour

LEVEL TWO

- Plumbing Math II
- Reading Commercial Drawings
- Structural Penetrations, Insulation & Fire-Stopping
- Installing and Testing DWV Piping
- Installing Roof, Floor & Area Drains
- Installing and Testing Water Supply Piping
- Types of Valves
- Installing Fixtures & Valves
- Installing Water Heaters
- Basic Electricity
- Fuel Gas & Fuel Oil Systems

LEVEL THREE

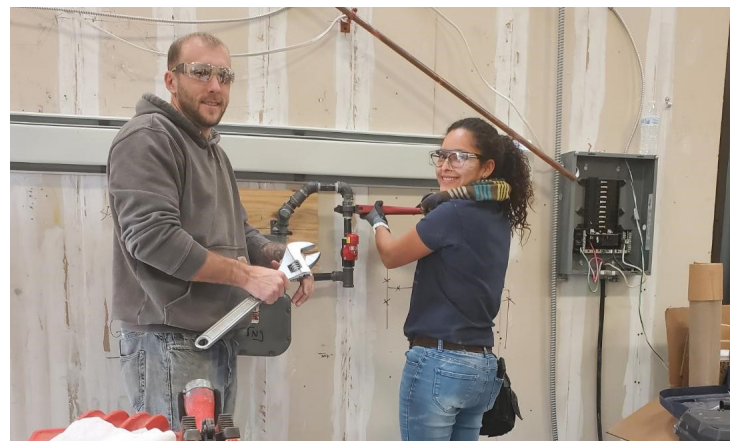
- Applied Math
- Potable Water Supply Treatment
- Types of Venting
- Sizing DWV & Storm Systems
- Sewage Pumps & Sump Pumps
- Corrosive-Resistant Waste Piping
- Compressed Air
- Service Plumbing
- Sizing & Protecting the Water Supply System
- CPR, AED & First Aid Certification

LEVEL FOUR

- Business Principles for Plumbers
- Water Pressure Booster & Recirculation Systems
- Indirect & Special Waste
- Hydronic & Solar Heating Systems
- Codes
- Private Water Supply Well Systems
- Private Waste-Disposal Systems
- Swimming Pools & Hot Tubs
- Plumbing for Mobile Homes & Travel Trailers
- Intro to Medical Gas & Vacuum Systems
- Servicing of Fixtures, Valves & Faucets

GRADUATION

All students must have completed OSHA 10 Hour and CPR, AED and First Aid Certification trainings and education requirements (600 hours) to graduate.



2026-2027 APPRENTICESHIP SCHEDULE

The term of apprenticeship consists of four years or 8,000 hours (approximately 2,000 hours per year) of on-the-job training (OJT), and four years or 600 hours (approximately 150 hours per year) of related classroom instruction. OJT is administered by the student's employer. Related classroom instruction is administered by ABC-VA.

LOCATION

ABC-VA Northern Virginia Training Facility
42680 Trade West Drive, Dulles, VA 20166

SCHEDULE

Orientation sessions are scheduled for the week of August 10, 2026, with classes beginning the week of August 24, 2026. Classes are typically set to occur once a week during the day. Class schedules will be finalized and shared in August.

Detailed information regarding both schedules and orientation activities will be provided in advance, ensuring ample time for planning and preparation.

2026-2027 TUITION

Tuition is due at time of enrollment. Apprentices employed by ABC-VA members receive a discount. Tuition includes lab, materials, and administrative fees. Tuition must be paid in full for apprentices to be considered enrolled.

ABC-VA MEMBER \$2050

NON-MEMBER \$2450

DEADLINES

Enrollments received after July 31, 2026, will incur a late fee of \$100. Classes are closed to new enrollments after August 14, 2026. There are absolutely no refunds after September 4, 2026.

**CLICK HERE
TO REGISTER
ONLINE**

Please note: ABC-VA has moved to a fully digital application system.

