ABC Virginia
Associated Builders and Contractors

# ELECTRICAL DAYTIME APPRENTICESHIP TRAINING PROGRAM

## Central Virginia 2023-2024

ABC Virginia (ABC-VA) 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 electrical field
- Physically able to perform work in the electrical 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.

### DEPARTMENT OF LABOR REGISTRATION

Employers must register as apprenticeship program sponsors, and must register their apprentices on an individual basis with the Virginia Department of Labor and Industry (DOL) at (804) 371-2327. Without this DOL registration, a student is not considered an apprentice in the state of Virginia.

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

# COURSE CONTENT

## LEVEL ONE

- Core Curriculum
- Occupational Overview: The Electrical Industry
- Safety for Electricians
- Intro to Electrical Circuits
- Electrical Theory
- Intro to the National Electrical Code
- Device Boxes
- Hand Bending, Wireways, Raceways & Fittings
- Conductors and Cables
- Basic Electrical Construction Documents
- Residential Wiring
- Electrical Test Equipment
- CPR, AED & First Aid Certification Training

## LEVEL TWO

- Alternating Current
- Motors: Theory and Application
- Electric Lighting
- Conduit Bending
- Pull and Junction Boxes
- Cable Tray
- Conductor Terminations and Splices
- Grounding and Bonding
- Conductor Selection
- Practical Applications of Lighting
- Hazardous Locations
- Overcurrent Protection
- Distribution Equipment
- Transformers
- Motor Calculations

## LEVEL THREE

- Load Calculations - Branch and Feeder Circuits
- Comprehensive instruction on the practical application of the National Electrical Code
- CPR, AED & First Aid Certification Training

# 2023-2024 APPRENTICESHIP SCHEDULE

The term of apprenticeship consists of three years or 8,000 hours (approximately 2,000 hours per year) of on-the-job training (OJT), and three years or 600 hours (approximately 200 hours per year) of related classroom instruction. OJT is administered by the student's employer. Related classroom instruction is administered by ABC-VA.

**DAYTIME CLASSES**

**7:00AM - 4:00PM**

ABC-VA Central Virginia Training Facility
1600 East Parham Road, Richmond, VA 23228

**CALENDAR**

A comprehensive calendar will be provided to all employers and students.

Level I will meet every other Tuesday starting August 15, 2023.

Level II will meet every other Wednesday starting August 16, 2023.

Level III will meet every other Thursday starting August 17, 2023.

# 2023-2024 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** $2100 **NON-MEMBER** $2500

**Tuition does not include the 2020 NEC. All students are required to have the 2020 NEC.**

**DEADLINES**

Enrollments received after August 1, 2023, will incur a late fee of $20. Classes are closed to new enrollment after August 25, 2023. There are absolutely no refunds after September 1, 2023.

# 2023-2024 ELECTRICAL-DAY APPLICATION

Last Name: _____ First Name: _____ Middle Initial: _____

SSN#: _____ Date of Birth: _____

Address: _____ City: _____

State: _____ Zip: _____ Cell Phone #: _____ Mobile Provider: _____

Email Address: _____

**SPONSORING EMPLOYER**: ☐ ABC-VA Member Firm ☐ Non-Member Firm

Employer Company Name: _____ Employer Contact Name: _____

Address: _____ City: _____

State: _____ Zip: _____ Phone #: _____ Email Address: _____

**CLASS LEVEL**: ☐ Level I ☐ Level II ☐ Level III

**LOCATION & TIME**

ABC-VA Central Virginia Training Facility, 1600 East Parham Road, Richmond, VA 23228
7:00AM - 4:00PM

**TUITION**

ABC-VA Member: $2100 Non-Member: $2500

**REGISTRATION**

An application must be completed for each individual apprentice. Tuition must be paid in full by August 25, 2023. Applications are processed on a first-come, first-served basis. By submitting this application, it is understood that in addition to registering with ABC-VA for the related training apprenticeship program, apprentices must also be registered with the Virginia Department of Labor in order to be considered a registered apprentice in the state of Virginia.

_____ _____

Signature of Applicant or Applicant's Employer Date

**ENROLLMENT OPTIONS**

IN-PERSON: Visit us during office hours, Monday through Friday 8:00AM-5:00PM
EMAIL: Sherrie Dickerson / **sherrie@abcva.org**
MAIL: ABC-VA Central Virginia Training Facility, 1600 East Parham Road, Richmond, VA 23228

**DEADLINES**

Enrollments received after August 1, 2023, will incur a late fee of $20. Classes are closed to new enrollment after August 25, 2023. There are absolutely no refunds after September 1, 2023.

**PAYMENT**

Name: _____ Date: _____ Tuition $_____

Signature: _____ 3% CC Fee $_____

Credit Card #: _____ Late Fee $_____

Expiration Date: _____/_____ CVC #: _____ Billing Zip Code: _____ Total Enclosed $_____