



ELECTRICAL EVENING APPRENTICESHIP TRAINING PROGRAM

Central Virginia

2024-2025

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
- Conductor Installations
- Cable Tray
- Conductor Terminations and Splices
- Grounding and Bonding
- Circuit Breakers and Fuses
- Control Systems and Fundamental Concepts

LEVEL THREE

- Load Calculations - Branch and Feeder Circuits
- Conductor Selection and Calculations
- Practical Applications of Lighting
- Hazardous Locations
- Overcurrent Protection
- Distribution Equipment
- Transformers
- Commercial Electrical Services
- Motor Calculations
- Voice, Data and Video
- Motor Controls
- CPR, AED & First Aid Certification Training

LEVEL FOUR

The primary purpose of the fourth-year class is to provide apprentices with comprehensive instruction on the practical application of the National Electrical Code (NEC).



2024-2025 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.

OPTION ONE - 1x PER WEEK 5:00PM - 9:00PM

LOCATION

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

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Level I will meet every Monday starting August 12, 2024.

Level II will meet every Tuesday starting August 13, 2024.

Level III will meet every Wednesday starting August 14, 2024.

Level IV will meet every Thursday starting August 15, 2024.

OPTION TWO - 2x PER WEEK 6:00PM - 8:30PM

LOCATION

Lloyd C. Bird High School
10301 Courthouse Road, Chesterfield, VA 23838

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All apprentices will meet every Monday and Wednesday starting August 26, 2024.

All students will have lab sessions at the ABC-VA Training Facility at 1600 East Parham Road, Richmond, VA 23228. These lab sessions are part of the regular schedule and specific dates are to be determined.

CALENDAR

A comprehensive calendar schedule for the 2024-2025 session will be sent to the employer after registrations have been processed. Students will receive a hard copy of the schedule the first night of class.

2024-2025 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 \$1900

NON-MEMBER \$2225

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

DEADLINES

Enrollments received after August 4, 2024, will incur a late fee of \$20. Classes are closed to new enrollment after August 23, 2024. There are absolutely no refunds after September 3, 2024.

2024-2025 ELECTRICAL-EVE 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 Level IV

CLASS OPTION: 1. ABC-VA Training Facility - 1x per Week (5:00PM-9:00PM)

2. Lloyd C. Bird High School - 2x per Week (6:00PM-8:30PM)

TUITION

ABC-VA Member: \$1900

Non-Member: \$2225

REGISTRATION

An application must be completed for each individual apprentice. Tuition must be paid in full by August 12, 2024. 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 4, 2024, will incur a late fee of \$20. Classes are closed to new enrollment after August 23, 2024. There are absolutely no refunds after September 3, 2024.

PAYMENT

Name: _____ Date: _____ Tuition \$ _____

Signature: _____ 3% CC Fee \$ _____

Credit Card #: _____ Late Fee \$ _____

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