



# ELECTRICAL APPRENTICESHIP TRAINING PROGRAM - EVENING

## CENTRAL VIRGINIA

### 2020 - 2021

#### WHY INVEST IN APPRENTICESHIP?

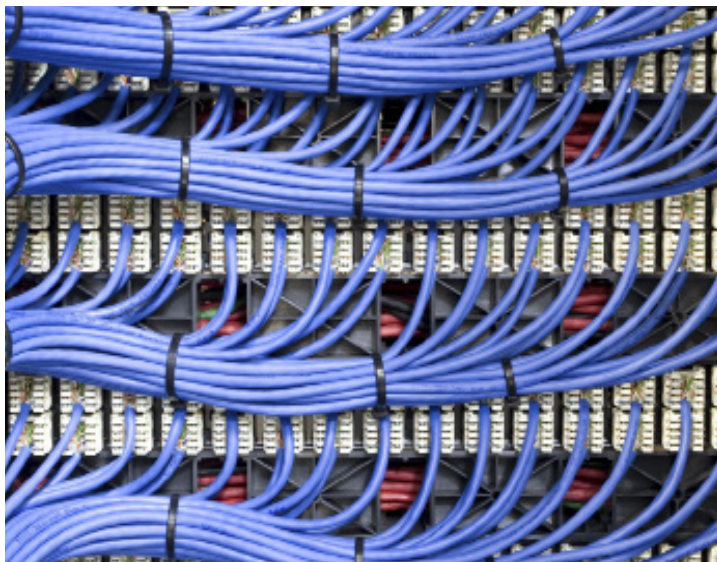
It is no secret that our industry faces a shortage of skilled workers on the horizon. Companies that invest in employee development through apprenticeship programs attract a quality workforce of loyal and highly-skilled employees.

#### CHOOSE ABC-VA APPRENTICESHIP

ABC-VA 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. ABC-VA Electrical Contractors Council represents the participating employers and works with ABC-VA staff to oversee the program. This council has shown an unwavering commitment to making certain the program is on the cutting edge, meeting today's workplace needs.

#### ELIGIBILITY FOR APPRENTICESHIP

Apprentices must be at least 18 years of age, employed in the electrical field, physically able to perform the work for the electrical trade, **able to read and write in English**, and have a high school diploma or GED equivalent. Participating in the ABC-VA Electrical Contractors Program will be strictly limited to apprentices that are employed by companies that are duly licensed as electrical contractors in Virginia.



#### 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.

#### 2020 - 2021 TUITION

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

**ABC-VA MEMBER TUITION (LEVEL 1 - 3): \$1,400**

**ABC-VA MEMBER TUITION (LEVEL 4): \$1,300**

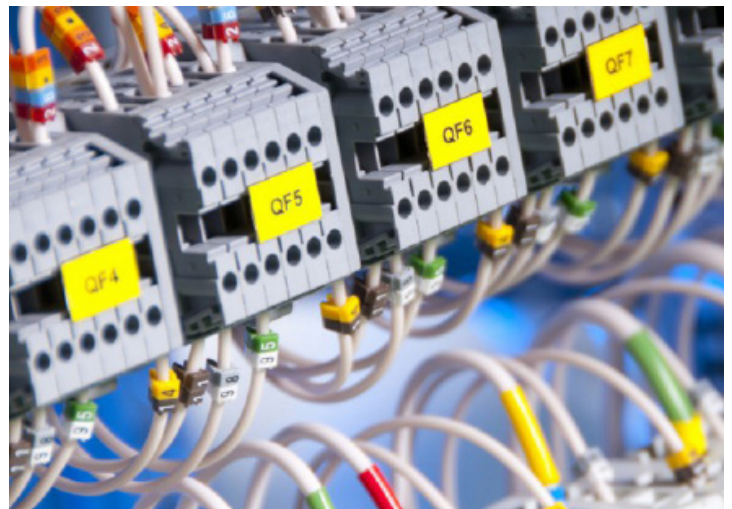
**NON-MEMBER TUITION (LEVEL 1 - 3): \$1,700**

**NON-MEMBER TUITION (LEVEL 4): \$1,600**

**Tuition does not include the 2017 NEC. All students are required to have a 2017 NEC.**

#### DEADLINES

Enrollments received after August 7, 2020 will incur a late fee of \$20. ***Classes are closed to new enrollment after August 28, 2020.*** There are absolutely no refunds after Friday, September 11, 2020.



## 2020 - 2021 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, 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.*

### OPTION 1 - EVENING CLASSES 1X PER WEEK (5:00 PM TO 9:00 PM)

**ABC-VA Training Facility: 1600 East Parham Road,  
Richmond, VA 23228**

LEVEL 1: MONDAYS, beginning September 8, 2020

LEVEL 2: TUESDAYS, beginning September 8, 2020

LEVEL 3: WEDNESDAYS, beginning September 9, 2020

LEVEL 4: THURSDAYS, beginning September 10, 2020

**\*NOTE: Due to Labor Day, Level 1 and Level 2 will both begin on September 8, then Level 1 will resume with the Monday schedule beginning September 14th.**

### OPTION 2 - EVENING CLASSES 2X PER WEEK (6:00 PM to 8:30 PM)

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

All apprentices will meet every Tuesday and Thursday beginning September 15, from 6:00 PM - 8:30 PM.

**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 2020 - 2021 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.

## COURSE CONTENT

### LEVEL ONE

Core Curriculum. Basic Safety. Intro to Construction Math. Intro to Hand Tools. Intro to Power Tools. Intro to Construction Drawings. Basic Rigging. Basic Comm. Skills. Employability Skills. Intro to Materials Handling. Orientation to the Electrical Trade. Electrical Safety. Intro to Electrical Circuits. Electrical Theory. Intro to the National Electrical Code. Device Boxes. Hand Bending, Raceways & Fittings. Conductors and Cables. Basic Electrical Construction Drawings. Residential Electrical Services. Electrical Test Equipment. First Aid, CPR and AED 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 and Lighting. Hazardous Locations. Overcurrent Protection. Distribution Equipment Transformers. Commercial Electrical Services. Motor Calculations. Voice, Data, and Video. Motor Controls. First Aid, CPR and AED 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 Electric Code.





# ELECTRICAL APPRENTICESHIP TRAINING PROGRAM EVENING APPLICATION

CENTRAL VIRGINIA | 2020 - 2021

**STUDENT INFORMATION REQUIRED: PLEASE PRINT NEATLY.**

---

Last Name	First Name	M.I.	SSN#	Date of Birth
Address		City	State	Zip
Mobile 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	Fax	Contact Email		

**CLASS LEVEL**

Level One       Level Two       Level Three       Level Four

**LOCATIONS**

**OPTION 1: EVENING - 1X PER WEEK**

(5:00 PM to 9:00 PM)  
 ABC-VA Training Facility  
 1600 East Parham Road, Richmond, VA 23228

**OPTION 2: EVENING - 2X WEEK**

(6:00 PM to 8:30 PM)  
 Lloyd C. Bird High School  
 10301 Courthouse Road, Chesterfield, VA 23838

**COST**

- ABC-VA MEMBER TUITION (LEVEL 1 - 3): \$1,400**
- ABC-VA MEMBER TUITION (LEVEL 4): \$1,300**
- NON-MEMBER TUITION (LEVEL 1 - 3): \$1,700**
- NON-MEMBER TUITION (LEVEL 4): \$1,600**

**REGISTRATION**

An application must be completed for each individual apprentice. Tuition must be paid in full before apprentices will be enrolled in class. 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 8:00 AM - 5:00 PM.
- EMAIL:** Sherrie Dickerson at sherrie@abcva.org
- MAIL:** ABC-VA Richmond Training Facility, 1600 East Parham Road, Richmond, VA 23228

**DEADLINES**

Enrollments received after August 7, 2020 will incur a late fee of \$20. Classes are closed to new enrollment after August 28, 2020. No refunds after Friday, September 11, 2020.

**PAYMENT OPTIONS**

Checks should be made payable to ABC-VA. Call ABC-VA to provide credit card information at (804) 346-4222 or complete the form below.

---

Name	Signature	Date	Tuition: \$ _____
			Late Fee: \$ _____
			Total Enclosed: \$ _____
Credit Card #	CVV Code	Expiration Date	

**ABC-VA RICHMOND TRAINING FACILITY**  
 1600 East Parham Road, Richmond, VA 23228  
 P (804) 346-4222