



ELECTRICAL APPRENTICESHIP TRAINING PROGRAM

TIDEWATER ELECTRICAL CONTRACTORS ASSOCIATION [TECA]
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

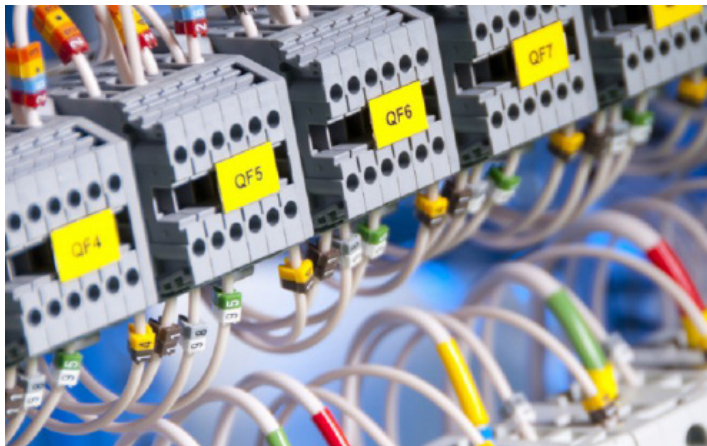
ABC-VA has a long history of providing high quality, student-centered learning with an emphasis on hands-on training. Our goal is to give individuals the opportunity to learn a trade, become skilled crafts professionals, earn a good living, and build Virginia. Through our educational affiliate, National 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. The Tidewater Electrical Contractors Association (TECA) 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. Participation in TECA will be strictly limited to apprentices that are employed by companies that are duly licensed as electrical contractors in Virginia.

PREREQUISITES

All incoming Level 1 students will be required to take a math assessment. Students without a passing grade will be required to attend a mandatory math tutoring course at ABC-VA prior to the course. Exact dates to be determined. Price will be determined by the number of students enrolled.



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). Contact Rick Brooks at (757) 455-0891 ext. 146. Without this DOL registration, a student is not considered an apprentice in the state of Virginia.

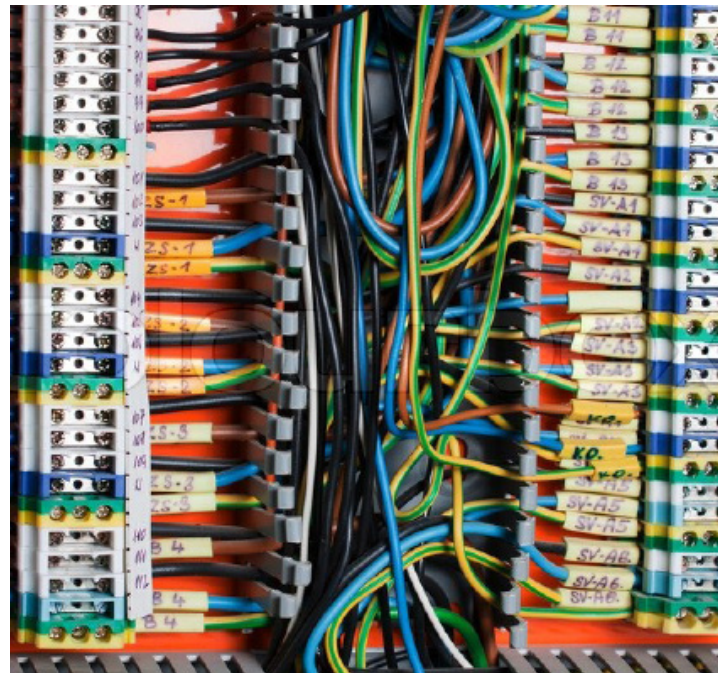
2020 - 2021 TUITION

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

ABC-VA MEMBER TUITION: \$1,400
NON-MEMBER TUITION: \$1,700

DEADLINES

Enrollments received after August 7, 2020 will incur a late fee of \$20. ***Classes are closed to new enrollment after September 4, 2020.*** There are absolutely no refunds after Friday, September 4, 2020.





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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.

LOCATION

Classes will be held at the ABC-VA Hampton Roads Training Facility located at 5505 Robin Hood Road, Suite D, Norfolk, VA 23513.

Levels one through four will begin the week of August 31, 2020. Class will meet one night per week from 5:00 PM - 9:00 PM.

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.

2017 NEC BOOK

Students must arrive on the first day of class with a copy of the 2017 NEC book. NEC books are not included in tuition costs.

COURSE CONTENT

LEVEL ONE

Core Curriculum - Basic Construction Skills. Electrical Safety. Hand Bending. Anchors & Supports. Electrical Theory One. Electrical Theory Two. Electrical Test Equipment. Intro. to the NEC. Raceways, Boxes & Fittings. Conductors. Intro. to Electrical Blueprints. Electrical Wiring. Commercial, Industrial, & Residential. First Aid, CPR & AED Certification. OSHA 10 Hour.

LEVEL TWO

Alternating Current. Motors: Theory & Application. Grounding. Conduit Bending. Boxes & Fittings. Conductors. Installations. Cable Tray Conductor Terminations & Splices. Installation of Electric Services. Circuit Breakers & Fuses. Contractors & Relays. Electric Lighting.

LEVEL THREE

Load Calculations- Branch Circuits. Conductor Selection & Calculations. Overcurrent Protection. Raceway, Box & Fitting Fill Requirements Wiring Devices. Distribution Equipment. Distribution System Transformers. Basic Lighting. Motor Calculations. Motor Maintenance. Motor Controls. Electricity in HVAC Systems. Hazardous Locations. First Aid, CPR & AED Certification.

LEVEL FOUR

Load Calcs-Feeder Services. Commercial/Industrial Lighting. Specialty Lighting. Standby & Emergency System. Basic Electronic Theory. Fire Alarm System. Specialty Transformers. Advanced Controls. HVAC Controls. Welding Machines. Heat Tracing & Freeze Protection Motor Maintenance. High Voltage Terminators/Splices. Blueprint Reading.





ELECTRICAL APPRENTICESHIP TRAINING PROGRAM APPLICATION

TIDEWATER ELECTRICAL CONTRACTORS ASSOCIATION [TECA] 2020 - 2021

STUDENT INFORMATION

Last Name	First Name	M.I.	SSN#	Date of Birth
Address		City	State	Zip
Mobile Phone #	E-mail Address			

SPONSORING EMPLOYER

ABC-VA Member firm Non-Member firm

Employer Name		Employer Contact		
Address		City	State	Zip
Phone	Fax	Contact Email		

CLASS LEVEL

Level One Level Two Level Three Level Four

LOCATION

ABC-VA HAMPTON ROADS TRAINING FACILITY
5505 Robin Hood Road, Suite D, Norfolk, Virginia 23513

COST

Member Tuition: \$1,400
Non-Member Tuition: \$1,700

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: Jamie Carrow at jamie@abcva.org
MAIL: ABC-VA Hampton Roads Training Facility, 5505 Robin Hood Road, Suite D, Norfolk, Virginia 23513

DEADLINES

Enrollments received after August 7, 2020 will incur a late fee of \$20. Classes are closed to new enrollment after September 4, 2020. Students withdrawn from the program after they have been enrolled will be charged a \$20 administrative fee with their refund if they are removed before September 4, 2020. **No refunds after Friday, September 4, 2020.**

PAYMENT OPTIONS

Checks should be made payable to ABC-VA. Call ABC-VA Hampton Roads to provide credit card information at (757) 855-8220 or complete the form below.

Name	Signature	Date
Credit Card #	CVV Code	Expiration Date

Tuition: \$ _____
Late Fee: \$ _____
Total Enclosed: \$ _____

ABC-VA HAMPTON ROADS TRAINING FACILITY
5505 Robin Hood Road | Suite D | Norfolk, Virginia 23513
P (757) 855-8220 | www.abcva.org

[HR]