



ELECTRICAL APPRENTICESHIP TRAINING PROGRAM - DAYTIME

CENTRAL VIRGINIA 2021 - 2022

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.

2021 - 2022 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): \$1,900

NON-MEMBER TUITION (LEVEL 1): \$2,200

ABC-VA MEMBER TUITION (LEVEL 2): \$1,900

NON-MEMBER TUITION (LEVEL 2): \$2,200

*Price reflects change in program. Please call ABC-VA for details: (804) 346 - 4222.

ABC-VA MEMBER TUITION (LEVEL 3): \$1,500

NON-MEMBER TUITION (LEVEL 3): \$1,800

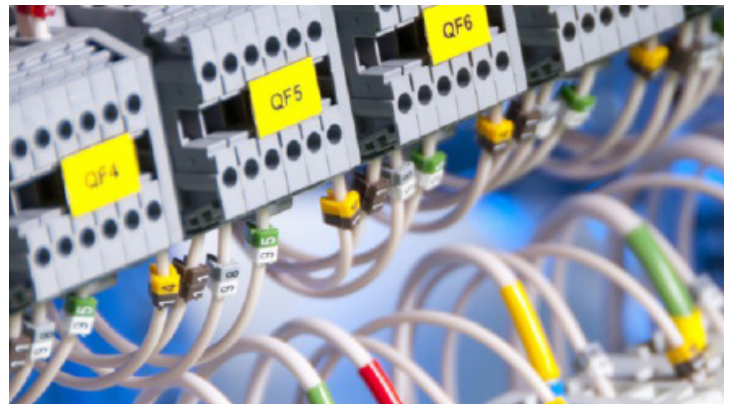
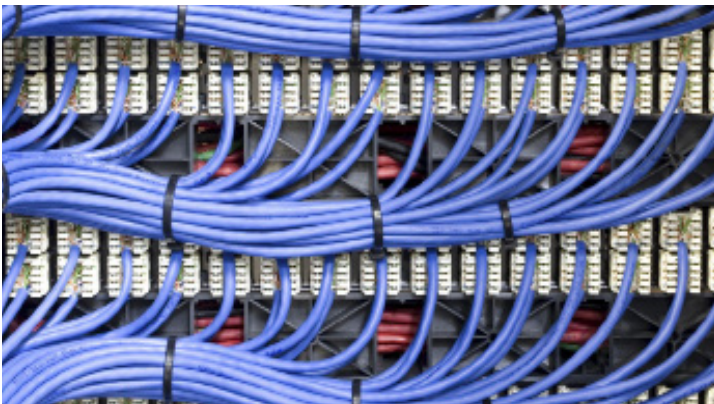
ABC-VA MEMBER TUITION (LEVEL 4): \$1,400

NON-MEMBER TUITION (LEVEL 4): \$1,700

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

DEADLINES

Enrollments received after August 9, 2021 will incur a late fee of \$20. **Classes are closed to new enrollment after August 21, 2021.** There are absolutely no refunds after Friday, September 10, 2021.



2021 - 2022 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, 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 (7:00 AM TO 4:00 PM)

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

Level 1 will meet every other Tuesday of each month, starting August 31, 2021.

Level 2 will meet every other Wednesday of each month, starting September 1, 2021.

Level 3 will meet every other Thursday of each month, starting September 2, 2021.

Level 4 will meet every other Friday of each month, starting September 3, 2021.

CALENDAR

A comprehensive calendar schedule for the 2021 - 2022 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 (THREE YEAR PROGRAM)

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 (THREE YEAR PROGRAM)

Alternating Current. Motor Controls; Lighting; Pull and Junction Boxes; Conduit Bending; Cable Trays; Conductor Terminations; Grounding and Bonding; Overcurrent Protection; Conductor Selection; Hazardous Locations; Distribution Equipment; Transformers.

LEVEL THREE (FOUR YEAR PROGRAM)

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.



