



Electrical Apprenticeship Training Program

TECA 2010-2011 Registration



Class Schedule and Eligibility Information

About the Program

ABC-VA partners with the Tidewater Electrical Contractors Association (TECA) to continue the tradition and service of TECA. This program will provide your organization as well as your apprentices with quality education exemplifying quality in instructors, curriculum, and management.

- The benefits of this program to the apprentice are:
- Nationally recognized transcripts and certificates provided to the apprentices for every module and level completed.
 - Site visits by ABC-VA staff to critique/challenge the quality of the program by interviewing students, instructors, and participating employers.
 - Quality of instructors is standardized by a 15-hour instructor certification training program required by the NCCER.

Term of Apprenticeship

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.

Prerequisites

All rising Level 1 students will be required to take a math assessment test on July 21, 2010 at 1:00 PM at the ABC-VA Training Facility. Students without a passing grade will be required to attend a mandatory math tutoring course August 23-26 from 5-8 PM. Price will be determined by the number of students enrolled.

Class Schedule

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

- Levels 1A, 3A & 4A:**
- Tuesdays from 5:00 PM to 9:00 PM, beginning August 31, 2010.
- Levels 2A & 3B:**
- Wednesdays from 5:00 PM to 9:00 PM, beginning Sept. 1, 2010.
- Levels 1B, 2B & 4B :**
- Thursdays from 5:00 PM to 9:00 PM, beginning Sept. 2, 2010.

Eligibility

Apprentices must be at least 16 years of age, be employed in the electrical field, have an 8th grade education, and be physically able to perform the work of the electrical trade.

Cost

Tuition for the program is \$750 per apprentice, per year for ABC members and \$860 for non-members. The cost includes textbooks, lab, and administrative fees. **Tuition must be paid in full at the time of registration. No student will be allowed to begin school until tuition has been paid in full.**

Textbooks

Textbooks will be provided to each student on the first night of class. Textbooks are included in the cost of tuition. Curriculum used is created by the National Center for Construction Education and Research. *****ALL STUDENTS ARE REQUIRED TO HAVE THEIR OWN COPY OF THE 2008 NEC BOOK. NEC BOOKS ARE NOT INCLUDED IN TUITION COSTS.*****

Late Fees & Deadlines

Enroll by **August 6, 2010** to avoid late fees of \$20 per apprentice. No one will be enrolled after September 16, 2010. There will be **NO** refunds after September 16, 2010.

Credit for Prior Knowledge/Experience

A trainee with prior formal classroom education or extensive on-the-job training experience may be eligible for credit. Such individuals must call the ABC-VA office prior to **July 30** in order to determine their eligibility for credit. All other new trainees to the ABC-VA school must register as first-year trainees.

Registration for Apprenticeship Training

All apprentices that wish to enroll for the 2010-2011 session must register by completing the attached registration form and returning it, along with all applicable fees, to the ABC-VA office no later than **August 6, 2010**. **Applicable fees must be paid in full before apprentices will be enrolled in class.**

Department of Labor Registration

Each participating employer in this program must register all apprentices with the Virginia Department of Labor prior to the start of the school year. For more information, call Louise Griggs at (757) 455-0891, ext. 145.

Grade and Attendance Reports

Grade and attendance reports will be provided to employers/sponsors on a quarterly basis. Employers may request interim reports at any time.

Course Description by Level

Level One

Core Curriculum- Basic Construction Skills • Electrical Safety • Hand Bending • Anchors & Supports • Electrical Theory One • Electrical Theory Two • Electrical Test Equip. • Intro. to the NEC • Raceways, Boxes, & Fittings • Conductors • Intro. to Electrical Blueprints • Electrical Wiring: Commercial, Industrial, & Residential • First Aid & CPR

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

Level Four

Load Calcs.-Feeder Services • Commercial/Industrial Lighting • Specialty Lighting • Standby & Emergency Sys. • 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

Tidewater Electrical Contractors Association Electrical Apprenticeship Training Program

Associated Builders and Contractors
5505 Robin Hood Road, Suite D
Norfolk, Virginia 23513
Virginia Chapter
Associated Builders
and Contractors, Inc.
ABC

TECA APPRENTICESHIP REGISTRATION 2010-2011 SESSION

Student _____ Birth Date ____/____/____

Student Email Address _____

Social Sec. # _____ Home Phone _____

Address _____ City _____ State _____ Zip _____

Employer _____ Employer Contact _____

Business Phone _____ Business Fax _____ Business E-mail _____

Employer's Address _____ City _____ State _____ Zip _____

TECA Class Level: Level One | Level Two | Level Three | Level Four

Note: A registration form must be completed for each individual apprentice. Registrations must be received no later than August 6, 2010.

PAYMENT OPTIONS

I AM SENDING A CHECK MADE PAYABLE TO ABC-VA TO 5505 ROBIN HOOD ROAD, SUITE D, NORFOLK, VA 23513.

PLEASE CHARGE MY VISA/MASTERCARD/AMERICAN EXPRESS. (3% charge on all credit card payments).

Name _____

Card Number _____

Expiration Date _____

Signature _____

**ABC-VA Phone Number: (757) 855-8220
ABC-VA Fax Number: (757) 855-8225**