



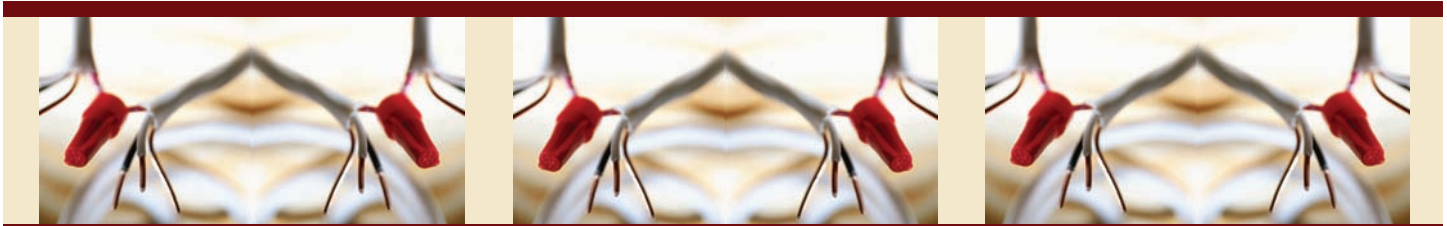
ELECTRICAL APPRENTICESHIP RELATED TRAINING PROGRAM IN MIDDLETOWN: 2010-2011 REGISTRATION



in partnership with



WORKFORCE SOLUTIONS
and Continuing Education



Class Schedule and Eligibility Information

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.

Class Schedule

All classes and labs are held at:
Lord Fairfax Community College - Middletown Campus
173 Skirmisher Lane
Middletown, VA 22645
(540) 868-7000

Level One:

- Wednesdays from 5:00 PM to 9:00 PM beginning Sept. 22.
- * All Level 1 students must complete OSHA 10 Hour Certification on Saturday, December 4 from 7:00 AM-5:00 PM at the ABC-VA Dulles office.

Level Two:

- Mondays from 5:00 PM to 9:00 PM beginning Sept. 20.

Level Three:

- Tuesdays from 5:00 PM to 9:00 PM, beginning Sept. 21.

Level Four:

- Thursdays from 5:00 PM to 9:00 PM, beginning Sept. 23.
- * All Level 4 students must complete OSHA 30 Hour Certification on Saturdays: January 8, February 12 and March 12 from 7:00 AM-5:00 PM at the ABC-VA Dulles office.

Eligibility

Apprentices must be employed in the electrical field, physically able to perform the work of the electrical trade, able to read and write in English, and have a high school diploma or GED.

Level 1 and Level 2 Skip Test

Any apprentice wishing to test out of Level 1 must contact the ABC-VA office. Tests will be given by appointment only and must be taken prior to July 31. The cost for the Level 1 or Level 2 Skip Test is \$100 and is non-refundable.

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 **Aug. 24. Applicable fees must be paid in full before apprentices will be enrolled in class.**

Department of Labor Registration

Each participating employer in this program is responsible for registering their apprentices with the Virginia Department of Labor. The company will assume responsibility as the apprenticeship sponsor. Please call the Virginia Department of Labor, (703) 392-0900 ext. 102 or 131.

Cost, Late Fees, Deadlines and Refunds

Tuition for the program is \$975 per apprentice, per year. The cost includes textbooks, lab, and all administrative fees. Tuition must be paid in full at the time of registration.

Any registrations received after Aug. 24 are subject to a late fee of \$20 per apprentice. No registrations will be accepted after September 8. No refunds after second class.

Course Description by Level

LEVEL ONE: Core Curriculum. Intro to Construction Math. Intro to Hand Tools. Intro to Power Tools. Intro to Blueprint Reading. Basic Rigging (electrical teaching). Basic Communications. Basic Employability Skills. Residential Electrical 1. Electrical Safety. Hand Bending. Anchors & Fasteners. Electrical Theory One. Electrical Theory Two. Electrical Test Equipment. Intro to the NEC. Raceways, Boxes & Fittings. Conductors. Intro to Electrical Blueprints. Wiring: Commercial & Industrial. CPR & First Aid. OSHA 10-Hour Certification. HILTI Powder Gun Tool DX PAT Certification.

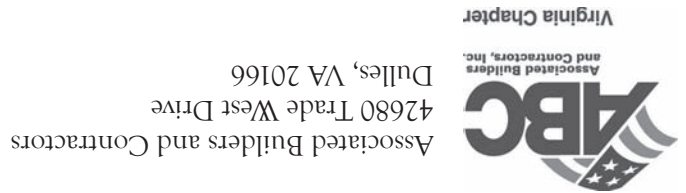
LEVEL TWO: Alternating Current. Motors: Theory & Application. Grounding. Conduit Bending. Boxes & Fittings. Conductor Installations. Cable Tray. Conductor Terminations & Splices. Installation of Electric Services. Circuit Breakers & Fuses. Contractors & Relays. Electric Lighting. Safety Overview. Blueprint Reading. DeWalt Power Tool Safety. Table Cutters Demo by Ray Tools. Cable Cutters Demo by Ray Tools.

LEVEL THREE: Load Calculations-Branch Circuits. Conductor Selection & Calculations. Overcurrent Protection. Raceway, Box, & Fitting Fill Requirements. Wiring Devices. Distribution Equipment. Distribution System Transformers. Lamps, Ballasts & Components. Motor Calculations. Motor Maintenance, Part 1. Motor Controls. Hazardous Locations. Fire Alarms. CPR & First Aid. Blueprint Reading. Safety Overview.

LEVEL FOUR: Load Calculations-Feeders & Services. Practical Applications for Lighting. Standby & Emergency Systems. Basic Electronic Theory. Fire Alarm Systems. Specialty Transformers. Advanced Motor Controls. HVAC Controls. Heat Tracing & Freeze Protection. Motor Maintenance, Part 2. High-Voltage Termination/Splices. OSHA 30-Hour Certification. Journeyman Prep for 2005.

Preparing Individuals for Exciting Careers and Life-Long Learning Opportunities

Electrical Apprenticeship Training Program



ABC-VA has established a tradition of service, providing your organization as well as your apprentices with quality education. ABC-VA's Electrical Apprenticeship Training Program will continue its tradition of quality in instructors, curriculum, and management.

ABC-VA uses the NCCER *Contren Learning Series* curriculum. This curriculum is nationally recognized, standardized and portable, and incorporates both formal classroom instruction and hands-on training. In addition, ABC-VA instructors are required to complete a formal certification, in order to ensure uniform and consistent delivery of the curriculum.

The ABC-VA Electrical Council represents the participating electrical contractors and works with ABC-VA staff to oversee the program. This council has remained committed to constant improvement, aimed at offering the very best electrical training available.

MIDDLETOWN ELECTRICAL APPRENTICESHIP REGISTRATION (Please type)

Name _____ Birth Date ____/____/____

Social Sec. # _____ Home Phone _____

Address _____ City _____ State _____ Zip _____

Employer _____ Employer Contact _____

Business Phone _____ Business Fax _____ Business E-mail _____

Employer's Address _____ City _____ State _____ Zip _____

Class Level: Level One Level Two Level Three Level Four

PAYMENT OPTIONS

I AM ATTACHING A CHECK MADE PAYABLE TO ABC-VA TO 42680 TRADE WEST DRIVE, DULLES, VA 20166.

PLEASE CHARGE MY VISA/MASTERCARD/AMERICAN EXPRESS.

Name _____

Card Number _____

Expiration Date _____ Verification Code _____

Signature _____ Billing Zip Code _____

ABC-VA Phone Number: (703) 968-6205
ABC-VA Fax Number: (703) 968-6861