



ABC APPRENTICESHIP AND TRAINING

ABCC Apprenticeship Training Program

The ABC Apprenticeship Program, managed by ABCC with the oversight of an active advisory committee, utilizes the NCCER Contren curriculum. This curriculum is nationally recognized, standardized and portable, and incorporates both formal classroom instruction and hands-on training. Apprenticeship instructors are required to complete formal certification in order to ensure uniform and consistent delivery of the curriculum.

Term of Apprenticeship

The electrical apprenticeship program consists of four years or 8000 hours of on-the-job training, and 643 hours of related classroom instruction.

Center Location and Schedule

From I- 85 take exit 39, Statesville Ave., go approx. 1/8th mi., turn left on Atando Ave, turn left on Ashbury then left on Toal St., 1722 is on the right.

From I- 77 take exit 12, Atando Ave, turn left on Ashbury then left on Toal St., 1722 is on the right.

6:00 pm to 8:00 pm Tuesday and Thursday evenings

Eligibility

Apprentices must be at least 18 years of age, be employed by a participating employer that is a duly licensed contractor by the state of North or South Carolina, and have graduated from high school or earned the G.E.D. equivalent. Apprentices must be physically able to perform the work of the electrical trade and have a mode of transportation to work and school.

Level 1 part 1 Core – Basic construction math, material handling, hand tools, power tools, OSHA 10 hr, Green Advantage, communication, employability, and construction drawings

Level 1 part 2- electrical safety, introduction to conduit bending and installation, fasteners and anchors, Electrical Theory One, Electrical Theory Two, electrical test equipment, Introduction to the National Electrical Code, raceways, boxes and fittings, conductors, Introduction to Electrical Blueprints, wiring: commercial & industrial, and wiring: residential

Level 2 part 2 - alternating current systems, AC and DC motors, grounding and bonding electrical systems, NEC regulations, conduit bending, boxes and fittings, conductor installations, cable tray, conductor terminations, installation of electric services, circuit breakers and fuses, contractors and relays, and electric lighting

Level 3 part 2 - load calculations-branch circuits, conductor selection and calculations, over current protection; raceway, box and fitting fill requirements, wiring devices, distribution equipment, distribution system transformers, lamps/ballasts and components, motor calculations, motor maintenance-part 1, motor controls, electricity in HVAC systems, and hazardous locations

Level 4 part 2 - comprehensive instruction on the practical application of the National Electrical code, load calculations-feeder and services, practical applications of lighting, standby and emergency systems, basic electronic theory, fire alarm systems, specialty transformers, advanced controls, HVAC controls, welding machines, heat tracing and freeze protection, motor maintenance-part 2, and high voltage terminations/splices

Registration

All apprentices that wish to enroll for the 2010 Spring session must register by completing the attached registration form and returning it, along with all applicable fees, to the ABCC office no later than January 15, 2010. Applicable fees must be paid in full before apprentices will be enrolled in class. Companies sponsoring apprentices that wish to be invoiced should communicate with the ABCC office.

Notes: ABCC is a registered apprenticeship sponsor with the North Carolina Department of Labor, Bureau of Apprenticeship and Training and operates a group program. Employers may choose to register apprentices in the ABCC program or register individually as apprenticeship sponsors.

The curriculum for each level of the program has been supplemented with additional formal instruction on the National Electrical codes, Green Advantage, OSHA 10 hr. certification, First Aid and CPR. NEC books are included in the tuition costs and provided when the apprentice enters level 2.

Costs – ABC Members

\$425.00 per semester, includes: admin. fees, textbooks, tuition and NCDOL charge.

Costs – Non ABC Members

\$600.00 per semester, includes: admin. fees, textbooks, tuition. (Employer must register with NCDOL)

Late Fees, Deadlines and Refunds

Any registrations received after Jan. 19 are subject to a late fee of \$20 per apprentice. No refunds will be issued unless the ABC office is notified of a withdraw prior to the third class meeting.

2101 Sardis Rd. North ♦ Charlotte, NC 28227

Phone (704) 367-1331 ♦ Fax (704) 367-1380

www.abccarolinas.org



ABC APPRENTICESHIP AND TRAINING

ABCC Registration 2010 Spring Session

Apprentice Name: _____ Birth Date: ___/___/___

SSN: _____ Home Phone: _____ Cell Phone: _____

Email Address: _____

Employer: _____ Employer Contact: _____

Employer Phone: _____ Fax: _____ Email: _____

Employer Address: _____ City: _____ State: _____ Zip: _____

Circle Apprentice Level: Core Level 1 Level 2 Level 3 Level 4

Circle location: Charlotte Wake Tech. Alamance Fayetteville In-House

A registration form must be completed for each individual apprentice and received in the ABCC office no later than Jan. 19, 2010

Class Schedule

Table with 5 columns: Charlotte, Wake Tech., Alamance, Fayetteville, In-House. Rows include Begin date, Evenings, and Time.

Payment Options

Check - payable to: ABC of the Carolinas

Mail to: ABC of the Carolinas 2101 Sardis Rd. North Ste 220 Charlotte, NC 28227

VISA Master Card American Express (3% charge on all credit card payments)

Name: _____

Card number: _____

Expiration Date: _____ Zip _____

Signature: _____

ABCC Phone Number: 704-367-1331

Fax: 704-367-1380

2101 Sardis Rd. North ♦ Charlotte, NC 28227

Phone (704) 367-1331 ♦ Fax (704) 367-1380

www.abccarolinas.org