

Spring 2010 Workforce Development Professional Skills Courses

Electric Power Technology Certificate



Electric Power Technology Course Information Sessions

You are invited to a free information session to learn more about the Electric Power Technology Certificate offered by Kilgore College. You'll meet the instructors, review the course materials, and get your questions answered. Most importantly, you'll find out how this training certificate can assist you with your career objectives, all without cost or obligation.

For reservations or for more information, please call 903-983-8288.

Dates: January 14, 2010

Feb. 11, 2010

Time: 6:30 p.m.

Place Bert E. Woodruff Adult Education Center in Kilgore – Room 220

Registration Deadline: Fri., Feb. 19, 2009

Mandatory Orientation for registered students:

Fri., Feb. 26 9-11 a.m.

Henderson Campus

Three of the classes listed below, Computer Applications for Line Workers, Climbing Skills II and Effective Communication Skills are scheduled so that the students will have the afternoons to prepare for the CDL licensing process. Students will have homework assignments related to the CDL permits which students MUST have by week seven, Utility Vehicle Operations.

Testing and passing the written permit is required during the week of the Effective Communications Skills. The afternoons of these three classes are purposely left free so that students can go to the Henderson DPS office and test for their CDL permits.

Fundamentals of Electricity

1 week, 48 hours, \$350

(ELPT 1019 – Fundamentals of Electricity I)

This course is an introduction to the electrical theory and concepts found in basic electrical systems encountered by line workers. Topics include transmission fundamentals, distribution characteristics and nomenclature, and applied electrical mathematical calculations.

*Henderson Campus:***KC477053.300 093Q** M/T/W/R/F, Mar. 1

8:00 a.m. – 6:00 p.m., RCEC

Climbing Skills I

1 week, 48 hours, \$350

(LNWK 1011 – Climbing Skills)

This course is an introduction to the theory and applications of pole climbing. Topics include safety, climbing techniques, tool and pole inspection, pole top rescue, rigging, and fall protection devices.

*Henderson - RCEC:***KC477045.303 093Q** M/T/W/R/F, Mar. 8

8:00 a.m. – 6:00 p.m., RCEC

Computer Applications for Line workers

1 week, 16 hours, \$175

(ITSW 1058 – Specialized Computer Applications)

This course is an overview of the basic computer operations used by line workers in the electrical industry. Topics include application software, functions, document formatting, directories, disk drives, and folder icons.

*Kilgore Campus:***KC077078.301 093Q** M/T/W/R, Mar. 15

8:00 a.m. – 12:00 p.m., AC

Climbing Skills II

1 week, 15 hours, \$225

(LNWK 2000 – Professional Development: Lineworker)

This course is continuation of the theory and applications of pole climbing. Topics include safety, climbing techniques, tool and pole inspection, pole top rescue, rigging, and fall protection devices.

*Henderson – RCEC:***KC477059.302 093Q** M/T/W/R, Mar. 22

8:00 a.m. – 12:00 p.m., RCEC

Effective Communications Skills

1 week, 24 hours, \$200

(POFT 1020 – Communications Skills for Business and Industry)

This course is a study of the written, listening and speaking skills applicable to the duties and responsibilities of a lineworker. Topics include communication skills involved for interaction with customers; proper written communication skills--grammar, sentence structure, spelling, correct content and tone for e-mail communication, and rules for clear and concise telephone and face-to-face conversations. Emphasis is also placed on resume writing and job interviewing.

*Kilgore Campus:***KC097401.301 093Q** M/T/W/R, Mar. 29

8:00 a.m. – 2:00 p.m., AC

Electrical Safety and Tools

1 week, 48 hours, \$350

(ELPT 1021 – Introduction to Electrical Safety and Tools)

This course covers line worker safety rules and regulations. Topics include the selection, inspection, use, and maintenance of common tools used by line workers.

*Henderson Campus:***KC477052.302 093Q** M/T/W/R/F, Apr. 5

8:00 a.m. – 6:00 p.m., RCEC

Utility Vehicle Operations

1 week, 16 hours, \$175

(CVOP 2001 – Federal Motor Carrier Safety Regulations)

This course is an overview of Federal Motor Carrier Safety Regulations and their application to the commercial vehicle operator. Topics include driver's record of status, physical requirements, drug and/or alcohol testing, safety requirements of equipment, and defensive driving. Students will practice driving a utility truck and driving tests will be scheduled at Henderson DPS during this week. Students must have their CDL Class A license by week nine, Live line Safety.

*Henderson Campus:***KC557140.301 093Q** M/T/W/R, Apr. 12

8:00 a.m. – 12:00 p.m., AC

Safety Regulations

1 week, 48 hours, \$350

(OSHT 1001 – Introduction to Safety and Health)

This course introduces basic concepts of safety and health. Topics include general OSHA compliance safety training certification and 1910.269.

*Henderson Campus:***KC499627.302 093Q** M/T/W/R/F, Apr. 19

8:00 a.m. – 6:00 p.m., RCEC

Live Line Safety

1 week, 48 hours, \$350

(LNWK 1091 – Special Topics in Line worker)

This is a study of cover-up procedures and safety requirements for work on energized electrical circuits. Topics include use and care of insulating equipment and tools, minimum approach distances, nominal voltage recognition, system protection and operation basics, and equipment operation.

*Henderson RCEC:***KC477044.302 093Q** M/T/W/R/F, Apr. 26

8:00 a.m. – 6:00 p.m., RCEC

Distribution Operations

1 week, 48 hours, \$350

(LNWK 1041 – Distribution Operations)

This course is a study of the theoretical and practical operation of electric utility distribution systems. Topics include the basics of single phase transformers, regulators, reclosers, capacitors, fusing, and overhead and underground distribution systems.

*Henderson RCEC:***KC477043.301 093Q** M/T/W/R/F, May 3

8:00 a.m. – 6:00 p.m., RCEC