

Electric Power Technology Certificate



Electric Power Technology Certificate Information Sessions

You are invited to a free information session to learn about the KC Electric Power Technology Certificate (KCEPT). You will meet the instructors, review the course materials, and get your questions answered. More importantly you will find out how these courses can assist you with your career objectives, all without cost or obligation.

For reservations or for more information, please call 903-983-8288 or e-mail bjbrown@kilgore.edu

Dates: Thurs., Jan. 12, 2012

Thurs., Feb. 9, 2012

Time: 6:30 p.m.

Place: Bert E. Woodruff Adult Education Center, Kilgore Campus, AC

Spring 2012 Class Dates: March 19 – May 25, 2012

For more information call 903-983-8288 or e-mail bjbrown@kilgore.edu

Schedule for Spring 2012

Feb. 27 **Application Deadline (application; DOT physical and drug screen; WorkKeys assessments)**

Mar. 12 **8-11 a.m.** **Climbing Assessment***
Rusk County Electric Cooperative, Henderson

1-2 p.m. **Mandatory Orientation for registered students of Fall 2011**
KC Campus, Henderson

*On Mar. 12 at 8 a.m., a pre-qualifying, physical assessment of climbing skills (with restraint) will be conducted to test students' strength, agility, and tolerance of heights. Appropriate clothing is required: jeans or slacks with no tears or frays, long-sleeved, collared shirt, closed-toe shoes (preferably boots), no jewelry or piercings. Students satisfying the assessment will report to the KC Campus in Henderson at 1:00 p.m. for the mandatory orientation.

Two of the classes listed below (Computer Applications for Lineworkers and Effective Communication Skills) are scheduled so that the students will have the afternoons to prepare for the CDL licensing process and schedule extra supervised climbing sessions. Students **MUST** obtain his/her CDL permit and complete the endorsements before week seven (Utility Vehicle Regulations).

Fundamentals of Electricity for Lineworkers

1 week, 48 hours, \$375

(ELPT 1019 – Fundamentals of Electricity I)

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

Henderson Campus:

KC477053.200 113Q

Mon.-Fri., Mar. 19

8:00 a.m.-6:00 p.m., KC Henderson

Climbing Skills I

1 week, 48 hours, \$375

(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:

KC477045.200 113Q

Mon.-Fri., Mar. 26

8:00 a.m.-6:00 p.m., RCEC

Computer Applications for Lineworkers

1 week, 16 hours, \$175

(ITSW 1058 – Specialized Computer Applications)

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

Kilgore Campus:

KC077078.202 113Q

Mon.-Thurs., Apr. 2

8:00 a.m.-12:00 p.m., AC 218

Climbing Skills II

1 week, 24 hours, \$275

(LNWK 2000 – Professional Development: Lineworker)

This course is a 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:

KC477059.201 113Q

Mon.-Fri., Apr. 9

8:00 a.m.-2:00 p.m., RCEC

Effective Communications Skills

1 week, 15 hours, \$175

(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 placed on resume writing and job interviewing.

Henderson Campus:

KC097401.201 113Q

Mon.-Fri., Apr. 16

8:00-11:00 a.m., KC Henderson

Electrical Safety and Tools

1 week, 48 hours, \$375

(ELPT 1021 – Introduction to Electrical Safety and Tools)

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

Henderson Campus:

KC477052.201 113Q

Mon.-Fri., Apr. 23

8:00 a.m.-6:00 p.m., KC Henderson

Utility Vehicle Regulations

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 utility vehicle operator. Topics included but not limited to: Work Zone Protection & Traffic Control, Construction and Maintenance, Drug and Alcohol Awareness, and the Whistleblower Act.

Henderson Campus:

KC557140.201 113Q

Mon.-Thurs., Apr. 30

8:00 a.m.-12:00 p.m., KC Henderson

Safety Regulations

1 week, 48 hours, \$375

(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:

KC499627.201 113Q

Mon.-Fri., May 7

8:00 a.m.-6:00 p.m., KC Henderson

Live Line Safety

1 week, 48 hours, \$375

(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:

KC477044.201 113Q

Mon.-Fri., May 14

8:00 a.m.-6:00 p.m., RCEC

Distribution Operations

1 week, 48 hours, \$375

(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:

KC477043.201 113Q

Mon.-Fri., May 21

8:00 a.m.-6:00 p.m., RCEC

Lineman Rodeo & Graduation: May 25, 2012