

Electric Power Technology Certificate

Registration deadline: Aug. 17

**Mandatory orientation for registered students:
August 21, 9:00-11:00 a.m., Henderson-RCEC**

First class day: Aug. 24

Graduation: Oct. 30

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 lineworkers. Topics include transmission fundamentals, distribution characteristics and nomenclature, and applied electrical mathematical calculations.

Henderson:

KC477053.300 084Q Mon.-Fri., Aug. 24
8:00 a.m. – 6:00 p.m.

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:

KC477045.300 091Q Mon.-Fri., Aug. 31
8:00 a.m. – 6:00 p.m.

Effective Communications Skills

1 week, 24 hours, \$200

(POFT 1020 – Communications Skills for Business and Industry)

This course is a study of the written and speaking skills applicable to the duties and responsibilities of a lineworker. Topics include proper written communication skills, grammar, sentence structure, punctuation, capitalization, spelling, correct content and tone for e-mail communication, and rules for clear and concise telephone conversations.

Henderson:

KC097401.300 091Q Tues.-Fri., Sept. 8
8:00 a.m. – 2:00 p.m.

Electrical Safety and Tools

1 week, 48 hours, \$350

(ELPT 1021 – 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:

KC477052.300 091Q Mon.-Fri., Sept. 14
8:00 a.m. – 6:00 p.m.

Climbing Skills II

1 week, 15 hours, \$225

(LNWK 1011 – Climbing Skills)

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:

KC477059.301 091Q Mon.-Fri., Sept. 21
8:00 a.m. – 12:00 p.m.

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.

Henderson:

KC557140.300 091Q Mon.-Fri., Sept. 28
8:00 a.m. – 12:00 p.m.

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:

KC499627.300 091Q Mon.-Fri., Oct. 5
8:00 a.m. – 6:00 p.m.

Live Line Safety

1 week, 48 hours, \$350

(LNWK 1091 – Special Topics in Lineworker)

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:

KC477044.300 091Q Mon.-Fri., Oct 12
8:00 a.m. – 6:00 p.m.

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:

KC077078.300 091Q Mon.-Thur., Oct. 19
8:30 a.m. – 12:30 p.m.

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:

KC477043.300 091Q Mon.-Fri., Oct. 26
8:00 a.m. – 6:00 p.m.