
SECTION HEADING

ELPL 1116: Electrical Distribution of Powerlines II

Description

Electrical Distribution of Powerlines II covers the application, care, and use of rubber goods, insulated coverup use, and the use of bucket trucks. This course also covers pole top insulator change outs, pole replacements, and conductor transfers all simulating the line being 'Hot'.

Credits

4

Prerequisite

ELPL 1106

Topics to be Covered

1. Precautions and safety before digging
2. Three-phase overhead lines
3. Conductor ties
4. Open wire and triplex secondaries
5. URD

Learning Outcomes

1. Describe before digging precautions
2. Build three-phase overhead lines
3. Install conductor ties
4. Install open-wire and triplex secondaries
5. Splice 600 volt underground cable
6. Demonstrate the use of underground cable preparation tools
7. Install 15 KV URD terminators, elbows, and cable splices
8. Demonstrate ground procedures for URD cable

Credit Details

Lecture: 1

Lab: 3

OJT: 0