
SECTION HEADING

ELEC 2200: Low Voltage

Description

Low Voltage investigates low voltage circuits and controls along with data, phone, CATV, fire alarm and home security methods and materials. This course will also cover the rules and regulations of installation and termination of communication wire and components.

Credits

2

Prerequisite

ELCO 1100 or ELCO 1110.

Topics to be Covered

1. Communication circuits
2. Low voltage control circuits
3. Community Antenna Television
4. Telephone systems
5. Fire alarm systems

Learning Outcomes

1. Identify parts and cables for low voltage systems
2. Terminate low voltage connections
3. Describe CATV systems
4. Describe communication systems
5. Describe fire alarm and security systems
6. Wire fire alarm systems
7. Wire low voltage control circuits

Credit Details

Lecture: 1

Lab: 1

OJT: 0