
SECTION HEADING

ELEC 1215: National Electric Code II

Description

National Electrical Code II(NEC) covers requirements for cabling, conduit, raceways, wireways, boxes gutters, switches and panelboards. Also included are the requirements for equipment such as cords, cables, fixtures and fixture wire, appliances, fixed space heating, motors and motor circuits, refrigeration equipment and transformers.

Credits

2

Prerequisite

ELEC 1205

Topics to be Covered

1. National Fire Protection Association (NFPA) - National Electrical Code 70
2. Requirements of the National Electrical Code (NEC)
3. Special occupancies, equipment and conditions of the National Electrical Code (NEC)

Learning Outcomes

1. Determine switchboard, switchgear, and/or panelboard requirements.
2. Determine general use equipment requirements.
3. Determine air conditioning equipment and heating requirements.
4. Determine motor circuits and controllers' requirements.
5. Determine transformer requirements.
6. Determine special occupancies requirements.
7. Determine special equipment requirements.
8. Determine special conditions requirements.
9. Determine communication system requirements.

Credit Details

Lecture: 2

Lab: 0

OJT: 0