

Commercial Wiring I

Course Information

Developers: Electrical State Curriculum Committee

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Course reaffirmed Date: 12/12/2017

KBOR Facilitators: April Henry, Charmine Chambers, Susan Hancock

Credit Hours: 4

Description:

An introductory course on commercial wiring methods that includes practical applications and hands-on experience in implementing code requirements.

Course Competencies:

1. Identify various types of feeder/branch circuit wiring methods
2. Perform conduit bending
3. Identify and perform conductor installation
4. Calculate raceway and box fill per NEC
5. Identify components of distribution equipment
6. Identify the NEC requirements for grounding and bonding
7. Perform service calculations per NEC
8. Apply NFPA 70 E requirements

**Course was originally developed in May of 2013. In December of 2017, faculty reaffirmed the course description and competencies.*