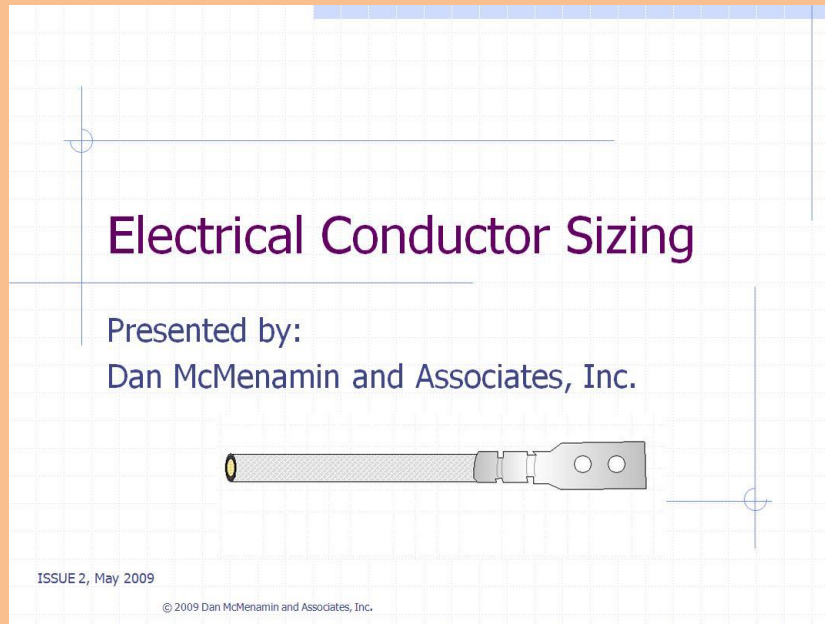


# Electrical Conductors & Sizing



**Duration:** 1.5 Days

**Course Description:** This is a certification course and is a series of PowerPoint slides and small workgroup lab exercises covering:

- Definitions and Requirements
- Ohms Law
- dc Cabling
- ac Cabling
- Cable trays and conduits
- Sizing distribution feeders for dc circuits
- Sizing distribution feeders for ac circuits
- Sizing Grounding conductors

**Target Audience:** This course is designed for network facing engineers, project managers and technicians and for EF&I contractors. This training is geared for both the newcomer and experienced employees.

**Course materials supplied:** A copy of all slides is provided and also software for sizing ac and dc conductors. Certification is provided upon passing a written open-book test.

**Min/Max class size:** Although the target class size is 20 – 25 students, any class size from 5 to 50 is possible.

**Prerequisite skills:** A basic familiarization with central offices or cell sites is helpful.

**Cost:** As this is a suit-cased course, travel and living time and expense can have a significant impact on overall cost as will the availability of suitable conference room facilities. Please contact us for a site-specific quotation. We'll need to know the approximate headcount, where in the country and whether a suitable conference room is available.

**For more information:** Please contact us at (215) 880-2488 or email [dan@danmcmenemy.com](mailto:dan@danmcmenemy.com)