*AETech Electrical Training Center*

*Arne Electro-Tech Seminars*

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**Continuing Education for the Electrical Professional**

**Course:** 2014 NEC Electrical Industry Wiring Methods – 8 hour class

**Schedule:** 8:00 a.m. – 5:00 p.m. each day; sign-in starts at 7:30 a.m.

**Format:** Lecture format using Power Point slides including Mike Holt’s “Understanding the 2014 National Electrical Code”, “Exam Prep” book and in-class discussions based on the “2014 National Electrical Code”.

**Text book:** “2014 National Electrical Code”

**Instructor:** Steve Arne: Certified Technical Educator, Licensed Electrical Contractor, Master Electrician, Licensed Electrical Inspector, SD Electrical Commission Board Member

 Criteria used to identify successful course completion:

Daily attendance sign-in sheets and instructor observation of attendance/application.

**Objectives**: Provide an emphasis on finding and understanding NEC requirements in regard to industrial, commercial and residential wiring methods used in electrical installations.

**Course Outline**:\*

 NEC Overview and Introduction: Articles 90, 100, 110

HOURS 1-4 Branch Circuits, Feeders: Articles 210, 215, 230, 240

 Wiring Methods: Articles 314, 330, 334, 344, 352, 392

**BREAK FOR 1 HOUR LUNCH**

HOURS 5-8 Wiring Devices: Articles 404, 406, 408

 Equipment: Articles 410, 430, 450

Classified Locations: Articles 500, 501, 502, 503

\*additional topics from the NEC will be covered as applicable