*AETech Electrical Training Center*

*Arne Electro-Tech Seminars*

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**Continuing Education for the Electrical Professional**

Course: 2017 National Electrical Code Update (Code Changes) (Day 2 of 2)

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 “2017 National Electrical Code Changes” and in-class discussions based on the “2017 National Electrical Code”.

Text book: Required: “2017 National Electrical Code” Optional: Mike Holt’s “2017 NEC Code Changes”.

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 the structure and content of the NEC, finding and understanding NEC requirements, and a review of important Code changes made in the 2017 edition.

**Course Outline**:\*

**Day 2, First 4 hours** **NEC Article 300 through 406**

Wiring Methods – 300

Conductors - 310

Boxes – 314

Cables – 320 through 340

Raceways – 342 through 362

Cable Trays – 392

Switches – 404

Receptacles – 406

**Break for Lunch**

**Day 2, Second 4 hours NEC Articles 410 through 680**

Panelboards – 408

Fixtures – 410

Appliances - 422

Motors – 430

Transformers – 450

Hazardous (Classified) Locations – 500 through 514

Swimming Pools – 680

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