*AETech Electrical Training Center*

*Arne Electro-Tech Seminars*

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**Continuing Education for the Electrical Professional**

Course: 2017 NEC Electrical Code Change Highlights.

Schedule: 8:00 a.m. – 5:00 p.m. Sign-in starts at 7:30 a.m.[occasionally this class is taught in 2 4-hour installments as a Part 1 and Part 2 as described below].

Format: Lecture format using Power Point slides and in-class discussion of 2014 Code Changes using the Mike Holt “2017 NEC Code Changes” book.

Text book: “2017 National Electrical Code”

Instructor: Jeff Larus: Master Electrician, Licensed Electrical Inspector.

Objectives: Provide a review of important Code Changes made by the 2017 NEC.

Criteria used to identify successful course completion:

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

**Course Outline**:\*

**Part 1 2 Hr**  **NEC Articles 90 through 230**

 NEC Overview and Introduction, Article 90, 100 General Installation Requirements - 110

 Grounded (neutral) Conductor – 200

 Branch Circuits - 210

 Feeders - 215

 Services - 230

 **2 Hr NEC Article 240 through 310**

 Overcurrent Protection - 240

 Grounding and Bonding - 250

 Wiring Methods - 300

 Conductors – 310

**Part 2 2 Hr NEC Article 314 through 406**

 Boxes – 314

 Cables – 320 through 340

 Raceways – 342 through 362

 Cable Trays – 392

 Disconnects – 404

 Receptacles – 406

 **2 Hr NEC Articles 410 through 680**

 Fixtures – 410

 Motors – 430

 Transformers – 450

 Hazardous (Classified) Locations – 500 through 514

 Swimming Pools – 680

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