



2014 NEC Electrical Code Changes Highlights

8 hour Electrical Code Class

Presented by:

AETech Electrical Training Center

Arne Electro-Tech Seminars

320 E. Blvd North

Rapid City, SD 57701

Continuing Education for the Electrical Professional

Course: 2014 NEC Electrical Code Changes Highlights.
Schedule: 8:00 a.m. – 5:00 p.m. Sign-in starts at 7:30 a.m.
Format: Lecture format using Power Point slides and in-class discussion of 2014 Code Changes using the Mike Holt “2014 NEC Code Changes” book.
Text book: “2014 National Electrical Code”
Instructor: Steve Arne: Certified Technical Educator, Licensed Electrical Contractor, Master Electrician, Licensed Electrical Inspector.
Objectives: Provide a review of important Code Changes made by the 2014 NEC.
Criteria used to identify successful course completion:
Attendance sign-in sheets and instructor observation of attendance/application.

Course Outline:

8am-10am

NEC Articles 90 through 230

NEC Overview and Introduction, Article 90, 100, 110
General Installation Requirements - 110
Grounded (neutral) Conductor – 200
Branch Circuits - 210
Feeders - 215
Services - 230

10am-12pm

NEC Article 240 through 310

Overcurrent Protection - 240
Grounding and Bonding - 250
Surge and TVSS Protection – 280 and 285
Wiring Methods - 300
Conductors – 310

12pm-1pm

LUNCH

1pm-3pm

NEC Article 314 through 406

Boxes – 314
Cables – 320 through 340
Raceways – 342 through 362
Cable Trays – 392
Disconnects – 404
Receptacles – 406

3pm-5pm

NEC Articles 410 through 830

Fixtures – 410
Motors – 430
Transformers – 450
Hazardous (Classified) Locations – 500 through 514
Swimming Pools – 680
Data, Control and Signaling Circuits – 725 through 770