



# **AETech Electrical Training Center**

## **AETech, Inc**

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Rapid

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## **Continuing Education for the Electrical Professional**

**Course:** 2020 National Electrical Code Update (Code Changes) (Day 1 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 “2020 National Electrical Code Changes” and in-class discussions based on the “2020 National Electrical Code”.  
**Text book:** Required: “2020 National Electrical Code” Optional: Mike Holt’s “2020 NEC Code Changes”.  
**Instructor:** Steve Arne: Certified Technical Educator, Licensed Electrical Contractor, Master Electrician, Licensed Electrical Inspector  
**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 2020 edition.

### **Course Outline:\***

<b>Day 1, First 4 hours</b>	<b>(hrs)</b>	<b>NEC Articles 90 through 230</b>
	1.0	NEC Overview and Introduction, Article 90
	0.5	Definitions, Article 100
	1.0	General Installation Requirements - 110
	0.5	Grounded (neutral) Conductor – 200
	1.0	Branch Circuits - 210

**Break for Lunch 1.0 HOUR**

<b>Day 1, Second 4 hours</b>	<b>(hrs)</b>	<b>NEC Article 240 through 310</b>
	0.5	Feeders - 215
	0.5	Outside Branch Circuits and Feeders- 225
	0.5	Services - 230
	0.5	Overcurrent Protection - 240
	2.0	Grounding and Bonding - 250

\*additional topics from the NEC will be covered as applicable  
4-15 minute breaks during the day (9am, 10:20 am, 2pm, 3:30pm)  
Time for each topic is estimated and may vary depending on student involvement

Additional books and resources are available at our web site:  
[www.AETech.com](http://www.AETech.com)