



# **AETech Electrical Training Center**

## **AETech, Inc**

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Rapid

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

Course: 2020 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 two installments of 4 hours each, as a Part 1 and Part 2 as described below].  
Format: Lecture format using Power Point slides and in-class discussion of 2020 Code Changes using the Mike Holt “2020 NEC Code Changes” book.  
Text book: “2020 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 2020 NEC.  
Criteria used to identify successful course completion:  
Attendance sign-in sheets and instructor observation of attendance/application.

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

<b>Part 1</b>	<b>2 Hr</b>	<b>(hr)</b>	<b>NEC Articles 90 through 230</b>
		0.5	NEC Overview and Introduction, Article 90, 100
		0.5	General Installation Requirements - 110
		0.5	Grounded (neutral) Conductor – 200
		0.5	Branch Circuits – 210, Feeders – 215, Services - 230
	<b>2 Hr</b>	<b>(hr)</b>	<b>NEC Article 240 through 310</b>
		0.5	Overcurrent Protection - 240
		0.5	Grounding and Bonding - 250
		0.5	Wiring Methods - 300
		0.5	Conductors – 310
<b>Part 2</b>	<b>2 Hr</b>	<b>(hr)</b>	<b>NEC Article 314 through 406</b>
		0.5	Boxes – 314
		0.5	Cables – 320 through 340
		0.5	Raceways – 342 through 362, Cable Trays – 392
		0.5	Switches – 404, Receptacles – 406
	<b>2 Hr</b>	<b>(hr)</b>	<b>NEC Articles 410 through 680</b>
		0.5	Fixtures – 410
		0.5	Motors – 430 and Transformers – 450
		0.5	Chapter 5 including Hazardous (Classified) Locations
		0.5	Chapter 6 including Swimming Pools – 680

\*additional topics from the NEC will be covered as applicable  
4-15 minute breaks during the day (9am, 10:20 am, 2pm, 3:30pm)

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

Time for each topic is estimated and may vary depending on student involvement

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