

Title of Course: NEC General Requirements

Course Syllabus: This is an extensive and popular program analyzing Articles 90 and 110 of the National Electrical Code. The main emphasis is on systems operating at 1,000V or less, but a less involved discussion on higher voltage systems is included as well.

Topic Outline

8:00 am – 10:00 am	Instruction: Article 90	2 hrs
10:00 am – 10:15 am	Break	15 min
10:15 am – 12:00 noon	Instruction: 110.1 through 110.16	1 hr 45 min
12:00 noon – 1:00 pm	Lunch	
1:00 pm – 3:00 pm	Instruction: 110.18 through 110.25	2 hrs
3:00 pm – 3:15 pm	Break	15 min
3:15 pm – 5:00 pm	Instruction: 110.26 through 110.28	1 hr 45 min
Total CE Hours		8 hours

Course Objectives: This course is designed to cover the introduction and applicability of the NEC, as discussed in 90.1 and 90.2. Enforcement, Code layout, and examination are also discussed in Article 90. The majority of the class is focused on Article 110, which contains the general requirements of the Code. Topics include product examination and listing, interrupting ratings and short-circuit current ratings, terminations, arc-flash warnings, marking requirements, working space, and several others. This class was created due to my realizing that very few people in the industry spend time in Article 90, which is critical to understanding the Code. Article 110 isn't quite as neglected, but it contains some of the most important requirements in the Code is well worth mastering.

Method of Presentation: Microsoft PowerPoint® Presentations