

Applying the 2012 National Electrical Safety Code® (NESC®) to Day-to-Day Utility Work (1-Day)

Class Schedule

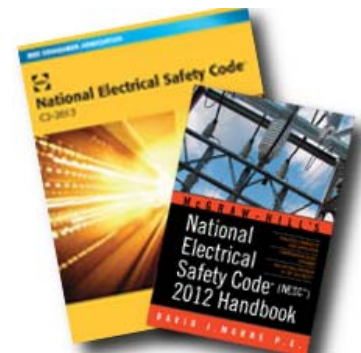
8:00 a.m.	Registration begins
8:30 a.m.	Welcome—NESC® General Overview
8:45 a.m.	♦ Introduction—Sections 01, 02, 03, 09 The Four Parts of the NESC® Purpose and Scope of the NESC® The NESC® vs. the NEC Definitions and References Grounding Methods for Substations and Lines
	♦ Part 1—Electric Supply Stations Substation Fences Safety Signs Storage Clearances Guards
10:15 a.m.	Break
10:30 a.m.	♦ Part 2—Overhead Lines Inspection and Tests of Overhead Lines Readily Climbable Structures Tree Clearing Understanding a Sag and Tension Table The 10 Rules of Overhead Line Clearance Most Popular Table in NESC®, Table 232-1
12 Noon	Lunch
1:00 p.m.	♦ Part 2—Overhead Lines (continued) 2nd Most Popular Table, Table 234-1 Climbing Space and Working Space Joint Use Overhead Clearances Communication Worker Safety Zone Grades of Construction Overload and Strength Factors
2:30 p.m.	Break
2:45 p.m.	♦ Part 3—Underground Lines UG Conduit vs. Direct Buried Systems Burial Depths Pulling Tensions and Side Wall Pressures Manholes and Vaults Joint Use Underground Installations
	♦ Part 4—Work Rules 4 Rules of Operating Supply & Comm. Lines The NESC® vs. OSHA General Rules for Employers and Employees Additional Rules for Communication Workers Additional Rules for Supply Workers
4:15 p.m.	Adjourn

About the Seminar:

Applying the National Electric Safety Code® (NESC®) seminar is a one-day class focusing on the rules in the National Electrical Safety Code® (NESC®). The class will provide a general overview of each part of the NESC® and applying the Code to day-to-day work will be stressed by focusing on practical NESC® examples and applications. The class is intended for engineers, staking technicians, power linemen, communications linemen, safety personnel and inspectors. Prior working knowledge of the NESC® is not required. The class includes ample time for questions and attendees are encouraged to share their NESC® applications with the entire class. The presentation is rich in graphics. Understanding the NESC® rules is a must for personnel responsible for operating a safe utility system.

About the Instructor:

This course has been prepared under the direction of David J. Marne, P.E. Dave is the author of *McGraw-Hill's NESC® 2012 Handbook*. The class will be presented by Dave or one of Marne and Associates qualified presenters. Presenters have various experience with NESC® code applications, transmission design, distribution design, substation design, and joint use power and communication design.



Attendees are encouraged to bring a copy of the NESC® Codebook and McGraw-Hill's NESC® Handbook. These books are available at www.codehandbook.com.

CONTINUING EDUCATION UNITS

This course provides 0.6 Continuing Education Units (CEUs) or 6 Professional Development Hours (PDHs). Please note that the CEU/PDH units for this class are not registered with any state education or licensing board.



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Experts in Electrical Code