

Applying the 2007 National Electrical Safety Code® (NESC®) to Day-to-Day Utility Work

Class Schedule

8:00 a.m.	Registration
8:30 a.m.	Welcome—NESC® General Overview
8:45 a.m.	<p>◆ Introduction—Sections 01, 02, 03, 09</p> <p>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</p> <p>◆ Part 1—Electric Supply Stations</p> <p>Substation Fences Safety Signs Storage Clearances Guards</p>
10:15 a.m.	Break
10:30 a.m.	<p>◆ Part 2—Overhead Lines</p> <p>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</p>
12 Noon	Lunch
1:00 p.m.	<p>◆ Part 2—Overhead Lines (continued)</p> <p>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</p>
2:30 p.m.	Break
2:45 p.m.	<p>◆ Part 3—Underground Lines</p> <p>UG Conduit vs. Direct Buried Systems Burial Depths Submarine Cable Crossings Manholes and Vaults Joint Use Underground Installations</p> <p>◆ Part 4—Work Rules</p> <p>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</p>
4:15 p.m.	Adjourn

CONTINUING EDUCATION UNITS

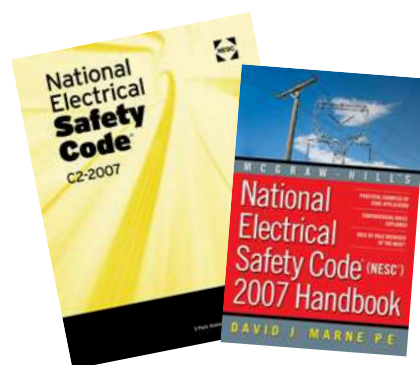
This course provides 0.6 Continuing Education Units (CEUs) or 6 Professional Development Hours (PDHs).

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® 2007 Handbook*. The class will be presented by David Marne, P.E. or Grant Glaus, P.E. Both gentlemen have experience with NESC® code applications, transmission design, distribution design, substation design, joint use power and communication design, and system planning.



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.



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 Experts in Electrical Code