

# NESC® Rules for Joint Use Construction (2-Day)

## Class Schedule—Day 1

8:00 a.m.	<b>Registration begins</b>
8:30 a.m.	<b>Welcome</b>
8:45 a.m.	<b>General Overview of NESC Joint Use Construction</b> <ul style="list-style-type: none"><li>• Identifying power and communications lines and equipment</li><li>• Common power and communication terms</li><li>• Introduction to the NESC</li><li>• Definitions and References</li><li>• Grounding methods</li></ul>
10:15 a.m.	<b>Break</b>
10:30 a.m.	<b>NESC Joint Use Overhead Clearance Rules</b> <ul style="list-style-type: none"><li>• Introduction to Clearances</li><li>• Joint Use overhead Clearances<ul style="list-style-type: none"><li>– Clearance of structures</li><li>– Clearance above ground</li></ul></li></ul>
12 Noon	<b>Lunch</b>
1:00 p.m.	<b>NESC Joint Use Overhead Clearance Rules (continued)</b> <ul style="list-style-type: none"><li>• Joint Use Overhead Clearances<ul style="list-style-type: none"><li>– Clearance of power to communication at attachment and at midspan</li></ul></li></ul> <b>NESC Joint Use Overhead Strength Rules</b> <ul style="list-style-type: none"><li>• Pole strength issues</li><li>• Joint Use Strength requirements</li></ul>
2:30 p.m.	<b>Break</b>
2:45 p.m.	<b>NESC Joint Use Underground Rules</b> <ul style="list-style-type: none"><li>• Joint Use Underground Requirements<ul style="list-style-type: none"><li>– Conduit Systems</li><li>– Direct Buried Systems</li></ul></li></ul> <b>NESC Joint Use Work Rules</b> <ul style="list-style-type: none"><li>• General Overview of Work Rules</li><li>• Power and Communication Employee Work Rules</li><li>• Communication Employee Work Rules on Joint Use Poles</li></ul> <b>Wrap Up</b> <ul style="list-style-type: none"><li>• Questions and Answers</li></ul>
4:15 p.m.	<b>Adjourn</b>

## Class Schedule—Day 2 (Q&A and Practical Applications)

8:30 a.m.	Welcome
8:45 a.m.	Q&A and Practical Applications <ul style="list-style-type: none"><li>• Joint Use Overhead Lines</li></ul>
10:15 a.m.	Break
10:30 a.m.	Q&A and Practical Applications <ul style="list-style-type: none"><li>• Joint Use Overhead Lines</li></ul>
12 Noon	Lunch
1:00 p.m.	Q&A and Practical Applications <ul style="list-style-type: none"><li>• Joint Use Overhead Lines</li></ul>
2:30 p.m.	Break
2:45 p.m.	Q&A and Practical Applications <ul style="list-style-type: none"><li>• Joint Use Underground Lines</li><li>• Joint Use Work Rules</li></ul>
4:15 p.m.	Adjourn

### About the Seminar:

This NESC® seminar is a two-day class focusing on the joint use construction rules in the National Electrical Safety Code® (NESC®). The class will provide an overview of each part of the NESC® that deals with joint use construction (Day 1). Applying the Code to day-to-day work will be stressed by focusing on practical applications and class attendee questions (Day 2). 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 class. The presentation is rich in graphics.

### About the Instructor:

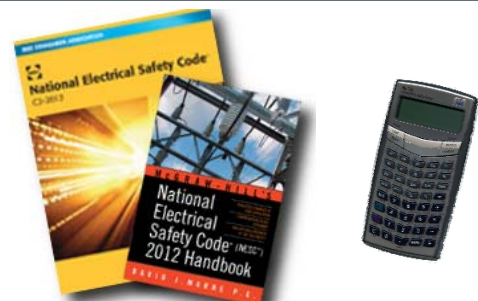
This course has been prepared under the direction of David J. Marne, P.E. Dave is the author of *McGraw-Hill's NESC® 2012 Handbook*. The class will be presented by Dave or one of Marne and Associates qualified presenters. Presenters have various experience with NESC® code applications, transmission design,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

### CONTINUING EDUCATION UNITS

This course provides 1.2 Continuing Education Units (CEUs) or 12 Professional Development Hours (PDHs). Please note that the CEU/PDH units for this class are not registered with any state education or licensing board.



**Marne and Associates, Inc.**  
Experts in Electrical Code



Attendees are encouraged to bring a calculator and a copy of the NESC® Codebook and McGraw-Hill's NESC® Handbook. These books are available at [www.codehandbook.com](http://www.codehandbook.com).