NESC® Rules for Joint Use Construction (1-Day)

Class Schedule

8:00 a.m. **Registration begins**

8:30 a.m. **Welcome**

8:45 a.m. **General Overview of NESC Joint Use Construction**

- Identifying power and communications lines and equipment
- Common power and communication terms
- Introduction to the NESC
- Definitions and References
- Grounding methods

10:15 a.m. **Break**

10:30 a.m. **NESC Joint Use Overhead Clearance Rules**

- Introduction to Clearances
- Joint Use overhead Clearances
  - Clearance of structures
  - Clearance above ground

12 Noon **Lunch**

1:00 p.m. **NESC Joint Use Overhead Clearance Rules** (continued)

- Joint Use Overhead Clearances
  - Clearance of power to communication at attachment and at midspan

NESC Joint Use Overhead Strength Rules

- Pole strength issues
- Joint Use Strength requirements

2:30 p.m. **Break**

2:45 p.m. **NESC Joint Use Underground Rules**

- Joint Use Underground Requirements
  - Conduit Systems
  - Direct Buried Systems

NESC Joint Use Work Rules

- General Overview of Work Rules
- Power and Communication Employee Work Rules
- Communication Employee Work Rules on Joint Use Poles

Wrap Up

- Questions and Answers

4:15 p.m. **Adjourn**

CONTINUING EDUCATION UNITS

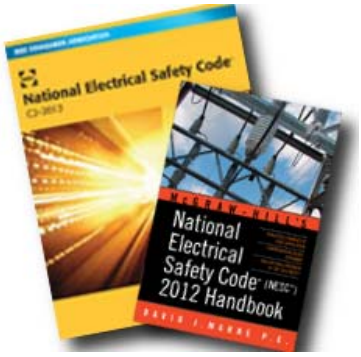
This course provides 0.6 Continuing Education Units (CEUs) or 6 Professional Development Hours (PDHs). Please note that the CEU/PDH units for this class are not registered with any state or licensing education board.

About the Seminar:

The "NESC® Rules for Joint Use Construction" seminar is a one day class focusing on the NESC® rules that apply to joint use construction (power and communication). The class will start with a brief overview of the National Electric Safety Code® (NESC®) and then focus in detail on NESC® joint use overhead clearance and strength rules. Underground joint use construction and NESC® work rules will also be covered. 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 presentations are rich in graphics and practical applications.

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.

Marne and Associates, Inc.
Experts in Electrical Code