

# NESC® Rules for Joint Use Construction

## Class Schedule

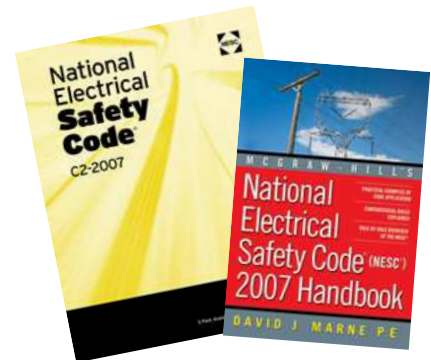
- 8:00 a.m. **Registration**
- 8:30 a.m. **Welcome**
- 8:45 a.m. **General Overview of NESC Joint Use Construction**
- Identifying power and communications lines and equipment
  - Common power and communication terms
  - Introduction to the NESC
  - Definitions and References
  - Grounding methods
- 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**

## 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® 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](http://www.codehandbook.com).

## CONTINUING EDUCATION UNITS

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



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