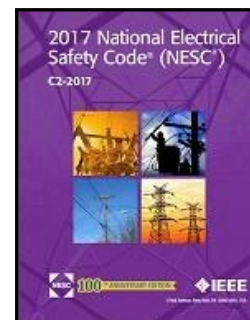


# National Electrical Safety Code (NESC) Comprehensive Review and the 2017 Update Seminar

The NESC is one of the most important documents for an electric utility. It frames the safety boundaries for design, construction, and maintenance and provides a practical set of rules that are now updated every five years. These rules and tables have been developed for the safety of the public and utility employees as well as the safe operation of the equipment itself.

This seminar will provide a review of the entire NESC Code Book including insights that will help utility personnel better understand it and encourage its everyday use. It will also include coverage of important changes in the new 2017 release. This means there is an urgent need to become familiar with the new version of the NESC Code Book and move to implement its changes.

The first day of this two-day seminar will include an overview of the code that will build a good understanding of its framework and content. The second day will then emphasize the remaining content and many more key details. The seminar will include a complete coverage of the NESC and a careful review of the 2017 changes that will be imbedded in each Part of the NESC as it is covered.



## Day One

- Background on the NESC
- Tips to Understanding the Code
- Quick Overview of the Code
- Closer Review of Grounding
- Closer Look at Part 1 - Substations
- Closer Look at Part 2 - OH Clearances

## Day Two

- Closer Look at Part 2 - Strength and Loading
- Closer Look at Part 3 - Underground
- Closer Look at Part 4 - Work Rules
- Other Related Topics and Case Study

Each attendee will receive a set of course notes and a certificate. For Professional Engineers, the certificate will provide proof toward license renewal of both PDH (10 hours) and CEU (1.0) credit. The 2017 NESC Code Book can be purchased at a discounted price in advance with seminar registration or purchased at the seminar at the basic rate.

The seminar will start at 8:30 AM each day and will conclude at 4:30 PM on Day One and at 12 Noon on Day Two. All attendees MUST have a copy of the 2017 NESC, as text will be referenced continuously. Questions are welcome at ANY time throughout the seminar.

## Who Should Attend

All individuals involved in electric utility construction, operation, maintenance, and engineering.

## Seminar Instructor and Contract Information



The instructor will be Christopher L. Brooks, P.E. who is the Manager of the Utility System Analysis and Planning Group with ESC engineering, Inc. in Fort Collins, Colorado. Mr. Brooks is a sought-after expert on the National Electric Safety Code (NESC), arc flash, distribution line design and protection, and many other topics in distribution power engineering. He has a Bachelors and a Master's degree in Electrical Engineering from Purdue University and an MBA from Indiana University-Bloomington and has over 50 publications including two books covering his 35 years in the electrical power industry. Most recently he was a Senior Consultant with S&C Electric Company where he led and instructed in the S&C technical seminar program. His career includes over 15 years working for Westinghouse Electric Corporation and ABB performing and managing engineering and design projects for major

U.S. and international utilities and research organizations. His background also includes experience as the Engineering Manager for a rural electric cooperative utility in Indiana and the Director of Engineering for a consulting firm supporting cooperative and municipal utilities as clients. Mr. Brooks is a Senior Member of IEEE and was the 2013 Chairman of the IEEE-Rural Electric Power Conference. He is also CPQ certified and is a registered Professional Engineer in 30 states.

**Date: June 27-28, 2017 – Casper, WY.**

**Cost: Co-op Employees: Seminar Only - \$645 -or- Seminar & 2017 NESC Code Book - \$795.**

**All Others: Seminar Only - \$769 -or- Seminar & 2017 NESC Code Book - \$915.**

**Extra or At-the-Door Copies: 2017 NESC Code Book - \$190 (\$210 retail).**

## **Contact:**

**Please send registration forms to Robin Feezer at [rfeezer@wyomingrea.org](mailto:rfeezer@wyomingrea.org). Registration deadline is June 20, 2017.**

# NESC Update REGISTRATION

June 27 & 28, 2017:  
Holiday Inn McMurry Business Park ~  
Casper, Wyoming

Billing Name: \_\_\_\_\_

Billing Address: \_\_\_\_\_

Street/PO Box

City

Zip Code

<u>Name(s)</u>	<u>Email</u>	Class Only	Book & Class

## General Information

Attendee Cost – See Flyer

Hotel rooms are available at the Holiday Inn for \$99.00+tax (standard room) by calling 307.577.5000. Room Block is under WREA.

## Registration deadline: June 20, 2017.

Please RSVP to Robin Feezer at WREA by completing the registration form. **Email the registration form to [rfeezer@wyomingrea.org](mailto:rfeezer@wyomingrea.org) or fax the registration form back to WREA at 307-634-0728.**

**\*\*\*\*\*See attached flyer for more information.\*\*\*\*\***