

Major Changes and General Overview of the 2023 National Electrical Safety Code® (NESC®)

(Presented online or in-person at your organization)

Benefits of IKE's NESC® and OSHA training courses



Save time and money

Save on travel time and out-of-office expenses



Training together

Entire departments can be trained together



Designed for your needs

The presentation can be designed to meet the needs of your organization



Train on your schedule

Our training schedule can be modified to meet your team's needs

Class highlights

Learn the Major Changes in the 2023 NESC

Provides a general overview of each part of the National Electrical Safety Code and changes. Including a Day 2 focus on understanding rules found in the NESC Codebook.

Learn through practical application

Curriculum focused on practical applications supported by examples, diagrams, and conversations.

Specifically designed classes

This class is designed for: Engineers, Staking Technicians, Power Lineworkers, Communication Lineworkers, Safety Personnel, and Inspectors.

Up to date information

This class conforms to the 2023 National Electrical Safety Code®.

About the instructor



Grant D. Glaus, P.E.

NESC and OSHA Training Instructor, at ikeGPS

Grant Glaus is a registered professional electrical engineer with an impressive 25 years of experience in Electric Utility Engineering, NESC, and OSHA training, and is now leading IKE's training programs. Grant brings vast knowledge and extensive background, including his role on the NESC Subcommittee 5 for Overhead Lines – Strengths and Loadings, and 15 years of experience supervising and managing the engineering department at Columbia Rural Electric Association. Before that, Grant worked with David Marne for ten years, providing consulting and NESC and OSHA training services.

About the class

Major Changes and General Overview of the 2023 National Electrical Safety Code® (NESC®) is a 2-day class focusing on the major changes in the 2023 edition of the National Electrical Safety Code (NESC). The class will cover in detail the major changes to the NESC 2023 edition and provide a general overview of each part of the NESC. Applying the Code to day-to-day work will be stressed by focusing on practical examples and applications.

During this 2-day class you will learn:

- Scope and purpose of the Code
- Major changes and general overview of the substation rules
- Major changes and general overview of the overhead line rules
- Major changes and general overview of the underground line rules
- Major changes and general overview of the work rules

Continuing education units

This course provides 1.2 Continuing Education Units (CEUs) or 12 Professional Development Hours (PDHs). This class has not been registered with and State Licensing or Education Board.

Who should attend?

Attendees are not required to have prior working knowledge of the NESC. This class is designed for:

- Engineers
- Staking Technicians
- Power Lineworkers
- Communication Lineworkers
- Safety Personnel
- Inspectors

Class format and learning methods

This class is presented either in-person or online and includes:

- Real time Q&A
- Curriculum focused on practical applications supported by examples, diagrams, and conversations
- Ample time for questions and class discussion
- Exercises consisting of looking up Code Rules and applying the Rules to field construction

Class objectives

Upon successful completion of this class attendees will be able to:

01

Understand the organization, scope, purpose, and general application of the National Electrical Safety Code (NESC).

02

Apply the major changes in the 2023 National Electrical Safety Code (NESC) for substations, overhead lines, underground lines, and work rules.

03

Recognize how the Code is integrated into design and construction standards and operating practices.

04

Identify and take action to correct Code violations and safety hazards.

05

Design and build facilities that comply with Code requirements.

06

Understand the actions needed to work safely.

07

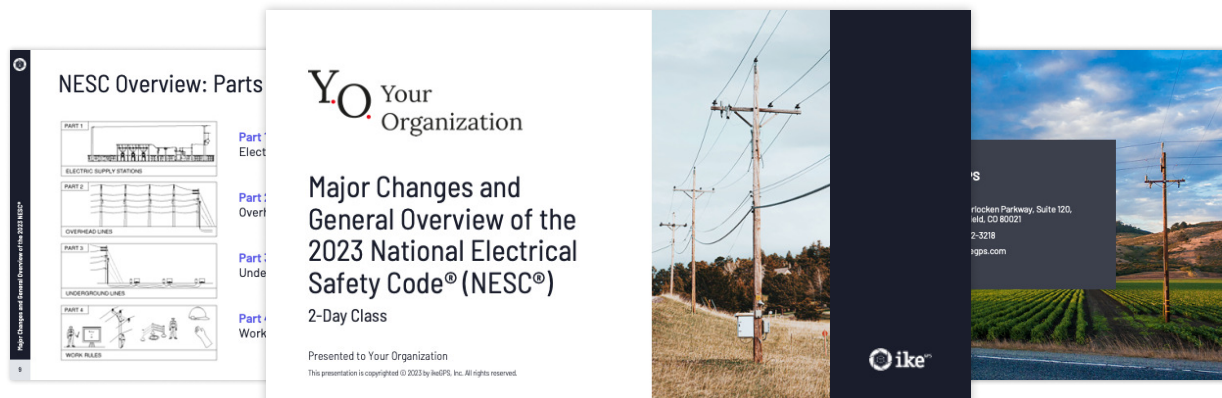
During the 2nd Day, interact with class attendees and understand how to independently find rules in the Codebook.

08

During the 2nd day, participate in code discussions and apply the rules in the Codebook to actual field construction situations.

Provided class materials

Attendees will receive a PDF copy of the class presentation slides. The presentation materials are copyrighted by ikeGPS with permissions from McGraw Hill LLC. Class materials are reserved for class attendees only and may not be duplicated.

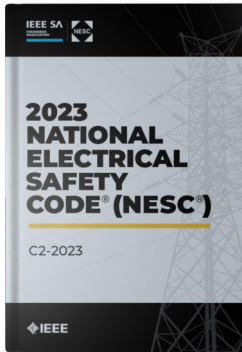


Class Schedule

Day 1 Agenda		Day 2 Agenda	
8:00 a.m.	Log in and set up	8:00 a.m.	Log in and set up
8:30 a.m.	Welcome and introduction	8:30 a.m.	Welcome and introduction
8:45 a.m.	2023 NESC Major Changes and General Overview <ul style="list-style-type: none">• Introduction: Sections 01, 02, 03, 09• Part 1: Electric Supply Stations	8:45 a.m.	Substation Examples and Exercises
10:15 a.m.	Break (15 min)	10:15 a.m.	Break (15 min)
10:30 a.m.	2023 NESC Major Changes and General Overview <ul style="list-style-type: none">• Part 2: Overhead Lines	10:30 a.m.	OH Line Examples & Exercises
12:00 p.m.	Lunch (1 hr)	12:00 p.m.	Lunch (1 hr)
1:00 p.m.	2023 NESC Major Changes and General Overview <ul style="list-style-type: none">• Part 2: Overhead Lines (continued)	1:00 p.m.	OH Line Examples & Exercises
2:30 p.m.	Break (15 min)	2:30 p.m.	Break (15 min)
2:45 p.m.	2023 NESC Major Changes and General Overview <ul style="list-style-type: none">• Part 3: Underground Lines• Part 4: Work Rules	2:45 p.m.	UG Line Examples & Exercises
4:15 p.m.	Adjourn	4:15 p.m.	Adjourn

External resources for your training

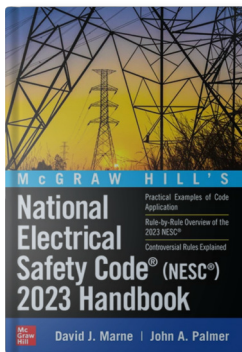
For Day 1, attendees are encouraged (but not required) to bring a copy of the NESC Codebook and McGraw Hill's NESC Handbook. For Day 2 of the class, attendees are **required** to have a copy of the 2023 NESC Codebook for class exercises.



2023 National Electrical Safety Code® (NESC®) C2-2023

[Purchase Now on Amazon >](#)

available at
amazon



McGraw Hill's National Electrical Safety Code® 2023 (NESC®) Handbook

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organization

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329 Interlocken Parkway,
Suite 120, Broomfield, CO 80021

+1 303-222-3218

www.ikegps.com

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