



**IEEE-IAS CHICAGO CHAPTER
APRIL 2023 - TECHNICAL SEMINAR**

*REVIEW OF THE
2023 NATIONAL ELECTRICAL CODE*

Saturday April 1, 2023, 7:30 am to 5:00 pm
Midwest Conference Center - 401 West Lake Street, Northlake, Illinois 60164

PRESENTER - DAN CADDIGAN, P.E.

ABOUT THE PRESENTER:

Dan Caddigan is a Senior Electrical Engineer. He has a BSEE, MSEE and MBA from IIT. Dan is a registered Professional Engineer in Illinois. For over twenty-five years, Dan taught electrical code courses for Index Publishing and has taught electrical code classes with the Electric Association. Dan was an Electrical Inspector in the City of Chicago for six years and Supervisor of Electrical Inspectors for one year. Dan worked extensively on the Electrical Code Working Group which proposes editions of the Chicago Electrical Code.

ABOUT THE TOPIC:

The 2023 National Electrical Code (NEC) is the latest version of electrical code issued by the NFPA. This program has been developed to review the new content within the 2023 NEC and differences from the previous 2020 NEC, in such a way so that the material learned can be applied immediately with increased proficiency, safety and efficiency. Specific areas within the 2023 NEC with substantial changes include:

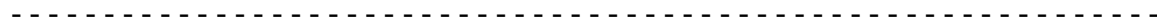
- Residential Electrical Systems: Addresses ground-fault circuit interrupters (GFCI) for specific appliances, emergency disconnects, 10-ampere branch circuits, and more.
- Commercial and Industrial Electrical Systems: Includes requirements for the use of “replacement panelboards,” arc-fault circuit interrupter (AFCI) protection, disconnecting means in sight of luminaires using double-ended lamps to include the LED type, and other considerations.
- Alternative Energy Systems and Energy Management: Addresses the interconnection of distributed on-site power supplies with electric utility supplies, the delineation between storage battery, emergency storage, and photovoltaic electric systems, and more.
- Never-before Covered Systems and Equipment: Covers Class 4 fault-managed circuits, hazardous locations in commercial and industrial cannabis production facilities, equipotential bonding in areas with “splash pads,” and other requirements.

SEMINAR ITENERARY

- 7:30 – 8:00 Sign In
- 8:00 – 9:30 Review of 2023 NEC, Chapters 1 and 2
- 9:30 – 11:00 Review of 2023 NEC, Chapter 3
- 11:00 – 12:00 Review of 2023 NEC, Chapter 4
- 12:00 – 1:00 Lunch
- 1:00 – 2:30 Review of 2023 NEC, Chapters 5 and 6
- 2:30 – 4:00 Review of 2023 NEC, Chapters 6 and 7
- 4:00 – 5:00 Questions and Answers

Each On-Site Seminar Participant Will Receive:

- Copy of the IAEI (NEC 2023) Analysis of Changes Illustrated Book
- Breakfast Buffet
- Lunch Buffet (Vegetarian Lunch is Available per Requests)
- Break Snacks and Beverages
- A Certificate of Attendance
- 8 Professional Development Hour Credits
- Optional Copy of the National Electric Code (NEC), 2023 Handbook



MAIL IN REGISTRATION FORM

NO ONLINE RESERVATIONS – PLEASE PRINT AND MAIL THIS FORM

Attendance limited to the first 60 registrants. Registrations will not be accepted without payment.

NAME: _____
 COMPANY _____
 ADDRESS _____
 CITY, STATE, ZIP _____
 Contact Phone# : (____)____-____ Cell Phone: (____)____-____
 e-mail _____

Fees:

- IEEE Member Registration \$ 275.00
(To receive the member rate, provide your IEEE member No. _____)
- IEEE Non-Member Registration \$ 325.00
- Optional National Electric Code (NEC), 2023 Handbook \$ 230.00
- Optional IACET/IEEE CEU Registration Fee \$ 20.00

TOTAL \$ _____ .00

Please make checks payable to “IEEE-IAS Chicago Chapter,” and mail with this completed registration form to:

IEEE-IAS Chicago Chapter
 Attn: Michael Monte
 Greeley and Hansen
 100 S. Wacker Drive, Suite 1400
 Chicago, IL 60606
mmonte@greeley-hansen.com

Registrations require payment for attendance prior to the event. Attendance limited to the first 60 registrants.