

Call 1-877-978-7246



2020 NATIONAL ELECTRICAL CODE® (NEC)

Learn What the Most Important NEC® Changes Are and How They Affect You

Workspace Safety, Electrical Generation and Distribution, Photovoltaic Stations, and Much More



- Reserve your space now either online or by calling us at 1-877-978-7246!
- Check us out online at live.tpctraining.com for a complete list of all virtual and in-person seminars.
- This seminar is also available for Virtual or In-Person Private Group Training

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Excellent training and instructor very knowledgeable.
— Eduardo D.,
Electrician

Learning Objectives:

- Navigating the National Electrical Code®
- The 2020 Code changes
- Proper installation for electrical equipment
- Materials to use for specific situations
- Wiring methods for different applications
- Protecting machinery, people and electrical distribution systems
- Causes and fixes for poor power quality
- Proper grounding practices
- How to read all the important NEC® charts and tables



SEMINAR OVERVIEW

Available in both virtual and in-person, instructor-led formats, 2020 National Electrical Code® training from TPC will keep you up to date with changes to the NEC.

This newly updated two-day NEC® training course teaches students how to navigate, use, and understand the NEC as it applies to the electrical work they do. This course is frequently used by electricians for continuing education and licensing renewal purposes. The course highlights changes to the 2020 NEC, including workspace safety, electrical generation and distribution, photovoltaic stations, and much more. During this course, our instructors will address the most recent changes to the national electrical code, training students in those areas while answering questions related to students' specific work situations.

WHAT YOU WILL TAKE HOME

- A laminated, full-color TPC Training Reference Guide detailing all the "mustknow" information covered in the class. Keep this with you while on the job for immediate knowledge recall.
- Comprehensive classroom materials
- A Personalized Training Certificate with 0.8 TPC Training Continuing Education Units for each day attended, 1.6 for both days.
- All the information you need from asking our instructors specific questions about your own unique equipment or facility.

CONTINUING EDUCATION

Upon completion of this seminar, the student will receive a Certification of Completion and .8 TPC Training CEUs per day attended. Most employers and many government agencies accept TPC Training CEUs to fulfill their continuing education requirements. If the student needs CEUs to renew a state license, please contact us at 303-867-5039 to ensure the state licensing board has approved the seminar. If we are currently not approved by your state licensing board, we are happy to begin the process as long as we receive your request at least one month before the training date.

DISCUSSION TOPICS

Introduction to the National Electrical Code® (NEC)

- NEC® Layout as the First Step in Successful Navigation
- Differences between c]Chapters 1-4 and 5-9
- How to Quickly Put Yourself in the Right Chapter of the National Electrical Code®

Finding Specific Information in Chapter 1 General:

- Keywords and Definitions You Must Know
- Installation Requirement Topics

Finding Specific Information in Chapter 2 Wiring and Protection on:

- Use and Identification of Grounded Conductors
- Branch Circuits
- Feeders

- Branch-Circuit, Feeder and Service Calculations
- Outside Branch Circuits and Feeders
- Services
- Overcurrent Protection
- Grounding
- Transient Voltage Surge Suppressors

Finding Specific Information in Chapter 3 Wiring Methods and Materials on:

- Wiring Methods
- Conductors for General Wiring
- Cabinets, Cutout Boxes, Meter Socket Enclosures Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Manholes Armored Cable
- Nonmetallic-Sheathed Cable: Types NM, NMC and NMS
- Flexible Metal Conduit: Type FMC
- Liquidtight Flexible Metal Conduit: Type LFMC Rigid Nonmetallic Conduit: Type RNC
- Liquidtight Flexible Nonmetallic Conduit: Type LFNC Electrical Nonmetallic Tubing: Type ENT
- And More

Finding Specific Information in Chapter 4: Equipment for General Use on:

- Flexible Cords and Cables
- Fixture Wires
- Switches
- Receptacles, Cord Connectors, and Attachment Caps Switchboards and Panelboards
- Luminaires, Lamp holders, Lamps
- Appliances
- Fixed Electric Space-Heating Equipment
- Motors, Motor Circuits, and Controllers, including Disconnecting Means for Motors
- Air Conditioning and Refrigeration Equipment
- Transformers and Transformer Vaults
- Equipment over 600 Volts, Nominal
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Finding Specific Information in Chapters 5 through 8

Finding Specific Answers from Tables in Chapter 9

JOIN OUR CLASSROOM SEMINARS FROM VIRTUALLY ANYWHERE

Our virtual instructor-led training option allows students to connect to a live classroom seminar via a web link, with the ability to participate full in the classroom dialogue, exercises, and Q&A. Online participants get all the benefits of the full classroom experience, plus the convenience of remote access.

Features include

- Two full days of live, interactive instruction from a TPC Training instructor
- All classroom materials in PDF format
- Certificate of completion for 16 hours of live training
- Full technical support to ensure your online experience is a rewarding one

SEMINAR FEE & AGENDA

This 2-day course is just \$1195 (Earn 1.6 CEUs)

7:30 am	Registration
8:00 am	Class Begins
12:00 - 1:00 pm	Lunch (on your own)
4:30 pm	Class Ends

NO RISK REGISTRATION & MONEY-BACK GUARANTEE

You can reserve your space in the class at any time and cancel without penalty. Cancellations made more than 14 days prior to the seminar may be refunded or rescheduled. Cancellations made within 14 days may be rescheduled for any future topic and/or date. If you're not satisfied with the course, we'll promptly refund your payment.

BRING THE TRAINING TO YOUR FACILITY VIRTUALLY OR IN-PERSON

Every public seminar class in our Course Catalog can be conducted virtually or on-site at your facility, with the same expert instructors. To arrange an in-person private group training, call or email us at virtual@tpctraining.com.

Some Advantages of In-Person Private Group Training

- Cost Savings — Save time and travel costs by keeping workers on-site
- Customized Content — Tailor the seminar to your facility and equipment
- Flexibility — Accommodate multiple shifts and different start and end times



...the instructor knew his stuff, he kept everyone involved in the class."

— Christopher C.