

NEC® - Analysis of Changes 2020 with Practical Exercises



A DIVISION OF ECPI UNIVERSITY

Focused on industrial applications, this 2-day course is for individuals already familiar with the code and want to know reasoning behind the changes and participants will gain a deep understanding and practice applying the new changes via practical field scenarios applications.

In addition to significant changes throughout the 2020 National Electrical Code, you will find four new articles in the 2020 edition of the NEC. Two of the articles are built around the concept of “combine articles and expand.” One new article adds a different type of cable and one new article appears in Chapter 8. For example:

- Article 242 Overvoltage Protection
- Article 311 Medium Voltage Conductors and Cable
- Article 337 Type P Cable
- Article 805 General Requirements for Communications Systems

WHAT THIS COURSE COVERS

- New Article 242 Overvoltage Protection
- Changes in Grounding and Bonding Article 250
- New Article 311 Medium Voltage Conductors and Cable
- New Article 337 Type P Cable
- Change for Electronic Protection of Motors
- Changes to Hazardous (Classified) Locations Articles
- New in Article 680: Splash Pads
- New Allowances for PV Connectors
- New Article 805
- New Section on Interconnected Power Systems

COURSE OUTCOMES

- Understand how NEC® Safeguards People and Property.
- Make your Facility and Operations NEC® Compliant.
- Become Current with the most Recent NEC® Updates.

WHO SHOULD TAKE THIS

- Electricians
- HVAC Technicians
- Owners and Managers
- Maintenance Technician
- Energy Management Personnel
- Stationary Engineers

COURSE AGENDA

- Course Introduction
- Chapter 1: General
- Chapter 2: Wiring and Protection
- Chapter 3: Wiring the Methods and Materials
- Chapter 4: Equipment for General Use
- Chapter 5: Special Occupancies
- Chapter 6: Special Equipment
- Chapter 7: Special Conditions
- Chapter 8: Communications Systems



Lecture



Hands-on



ONSITE: 2-days (16 hours)



LIVE ONLINE: 2-days (16 hours)



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NU_20 Course Overview & Agenda