

National Electrical Code Update Training

Info Sheet

Course Information

Course Length – 8 hours

Course Description - The National Electrical Code (NEC) updates every three years with information on new equipment, new tools, and new work practices. The NEC is the electrical design standard for most electrical applications. It is essential for electricians, supervision, inspectors, and designers to keep up to date on the requirements of the NEC. The NEC code update 2020 class covers changes to the code format, changes in the layout, new articles, changed articles, additions, deletions, and combined requirements. Most electrical licensing bodies require electrical license holders to take a “Code Update” class every three years when the standard changes.

Who Should Attend - This class is appropriate for anybody that is involved with electrical work, oversight, program development, hazard mitigation, or work planning. This would include apprentices, licensed electricians, supervision, management, planners, and engineers.

Accreditation - This course is certified for Continuing Education Credits (CEUs) in Washington, Idaho, Oregon, and Colorado and is certified with the International Code Council (ICC) .

Terminal Objective

Upon completion of training, understand the most recent code cycle changes to NFPA-70, National Electrical Code.

Topics Covered:

- Available Fault Current References
- Reconditioned Equipment
- Definition Statements
- Alignment of GFCI Requirements
- Allowable Ampacity vs Ampacity
- Deletion of Term “Grounding Conductor”
- New Articles:
 - Article 242 Overvoltage Protection
 - Article 311 Medium Voltage Conductors and Cable
 - Article 337 Type P Cable
 - Article 800 General Requirements for Communications Systems

References

1. NFPA-70E Standard for Electrical Safety in the Workplace, 2021 edition
2. NFPA-70 National Electrical Code, 2020 edition
3. Analysis of Changes – 2020 NEC PowerPoint Presentation, International Association Electrical Inspectors (IAEI)