

National Electrical Safety Code® [NESC]-2023



The National Electric Safety Code (NESC) training serves as a cornerstone for ensuring the safe design, installation, and maintenance of electric utility systems across the United States. This comprehensive program provides individuals within the electric utility industry with vital knowledge and skills to comply with NESC standards, which are developed and maintained by the Institute of Electrical and Electronics Engineers (IEEE). NESC training covers a wide range of topics, including electrical system safety, construction practices, equipment specifications, and hazard recognition. It equips participants with the necessary understanding of regulatory requirements and best practices to enhance safety, reliability, and efficiency in the operation of electric utility systems.

Professionals involved in various aspects of the electric utility industry stand to benefit greatly from NESC training. This includes engineers, technicians, line workers, supervisors, inspectors, and regulatory compliance personnel. Essentially, anyone involved in the design, construction, operation, or maintenance of electrical infrastructure should consider attending NESC training to stay updated on the latest standards and practices. By attending NESC training sessions, individuals gain valuable insights into risk mitigation strategies, safety protocols, and industry advancements, ultimately contributing to the overall improvement of electric system reliability and public safety.

WHAT THIS COURSE COVERS

- NESC Scope, Purpose, and Organization
- Overhead and Underground Installation, Maintenance and Temporary Repair Rules
- Work Rules
- Supply Station Rules
- Grounding Rules
- Powerline Rules
- Communication Rules
- New Requirements and Exemptions

WHO SHOULD TAKE THIS

- Linemen and Utility Workers
- Electricians Working On Electrical Distribution Systems
- Engineers and System Designers
- Supervisors

COURSE OUTCOMES

- Understand Difference for NESC And NEC and State When Each Code is Applied
- Interpret and Apply Installation Requirements for Electrical Utilities
- Understand and Apply NFPA 70E Electrical Safe Work Practices to Utility Work

COURSE AGENDA

- NESC Scope and Application
- Definitions and References
- Grounding
- General Requirements
- Personnel Safety
- Single Line Diagrams
- Fundamental Tests, Field Tests, Methods
- Maintenance Intervals



Lecture



Hands-on

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ONSITE: 3-days (24 hours)

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LIVE ONLINE: 3-Days (24 hours)



ONSITE - TRAINING TOUR - LIVE VIRTUAL - ONLINE - HANDS ON - AUDITS - CONSULTING - **TRAINED WORKERS. STRONGER COMPANIES.**
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