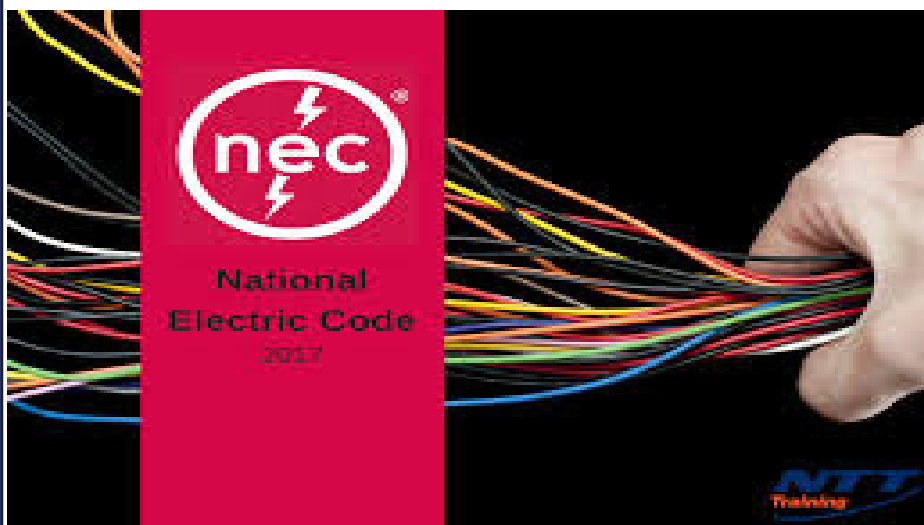


National Electrical Code for Maintenance Technicians



This Course provides a solid understanding of how to apply and use the National Electrical Code as it applies to maintenance technicians.

This course was developed especially for maintenance technicians. With easy to understand explanations of the code by an experience technician, this course is foundational to maintaining a safe and reliable electrical system.

This class is 80% Hands-On use of the NEC.

National Electrical Code for Maintenance Technicians

Course Topics and Objectives

- Calculate box size
- Calculate conduit size
- Calculate ampacity of conductors
- Calculate voltage drop
- Size grounding conductors
- Calculate wire size for motor circuits
- Calculate fuse and circuit breaker size for motor circuits
- Calculate disconnect size for motor circuits
- Calculate overload size for motor circuits
- Use the codebook to answer real world questions

National Electrical Code for Maintenance Technicians

Who Should Attend:

- Energy management personnel
- Apprentice and experienced HVAC technicians
- IT Technicians
- Fire Alarm Technicians
- Electricians
- Multi-craft personnel
- Plant & facility maintenance technicians
- Building engineers
- Building managers & superintendents
- Plant & facility managers
- Stationary engineers
- Anyone who works with electrical systems and circuits.

Onsite Training:

- We offer onsite training at your facility.
- We can provide the same courses as we offer in public seminars. We can even design courses especially to meet your needs.

Advantages of On-Site Training:

- Modify the content to your specific needs
- Protect company privacy
- Workers remain on site in case of an emergency
- Saves time and travel costs
- Instructors can discuss your specific equipment
- Problems can be openly discussed
- Flexible scheduling
- Increased price savings as the groups get larger
- Promote teamwork & camaraderie among workers
- More comfortable learning environment

Class Options:

2 Day Class

- Introduction to the National Electrical Code

3 Day Class

- National Electrical Code for Maintenance Technicians

5 Day Class – National Electrical Code Workshop

- Introduction to the National Electrical Code - 2 Days
- National Electrical Code for Maintenance Technicians - 3 Days

Note: The 5 day workshop combines Introduction to the National Electrical Code and National Electrical Code for Maintenance Technicians to form a 5 day class.