

Lockout / Tagout Training (03/18/2026 - Virtual)

Description:

Lockout/Tagout(LOTO) Training is a safety program for workers who service and maintain machinery to prevent injury from unexpected energy release. Training is required before employees are assigned to work with LOTO, and includes understanding hazardous energy, identifying energy sources, and knowing how to safely shut down, isolate, and lock out equipment. Training must be provided in a language employees understand and may be supplemented by annual reviews, retraining, and practical exercises. This course covers the fundamentals of:

- What is Lockout/Tagout?
- Lockout/Tagout Standards OSHA NEC
- Typical common issues of LOTO
- Corrective measures to mitigate hazards
- Examples of correct and incorrect LOTO
- **Date:** 03/18/2026
- **Time:** 4:30 - 6:30 pm
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:** 2
- **Instructor:** Constantinos Papademas
- **Location:**Virtual - A meeting link will be sent to the email address entered in the form below on the Monday prior to the class date

NEC 2026 Code Update (03/27/2026 and 03/28/2026 - Lakewood)

Course provides a detailed breakdown of the significant structural changes, new requirements, and revised rules in the 2026 National Electrical Code, focusing on topics like working space, load calculations, GFCI/AFCI updates, EV Charging, Energy Storage, and the ongoing NEC reorganization to help electrical professionals maintain compliance and enhance safety.

- **Dates:** 03/27/2026 and 03/28/2026 (2 Parts)
- **Time:** 4:30 - 9:30 pm Each Day
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:** 10
- **Instructor:** Constantinos Papademas
- **Location:**
Warshauer Tech, Lakewood
700 Vassar Ave
Lakewood NJ 08701

Commercial Generator Installations (04/15/2026 - Virtual)

Description:

This course covers:

- Principles on standby power generation
- Diesel vs natural gas
- Automatic transfer switches
- NEC Codes and regulations
- Sizing, installation, and service
- Startup and maintenance procedures
- **Date:** 04/15/2026
- **Time:** 4:30 - 8:30 pm
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:** 4
- **Instructor:** Constantinos Papademas
- **Location:** Virtual - A meeting link will be sent to the email address entered in the form below on the Monday prior to the class date

Generator Sizing and Load Monitoring (04/21/2026 - New Brunswick)

Description:

This course covers:

- Basics of Back Up power
- Sizing, installation, and service
- NEC Codes and Regulations
- Emergency vs Standby
- Diesel vs natural gas (liquid cooled spark ignited)
- Automatic transfer switches and generator connections
- Startup and maintenance procedures
- **Date:** 04/21/2026
- **Time:** 4:30 - 8:30 pm
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:** 4
- **Instructor:** Constantinos Papademas
- **Location:**
Warshauer Electric, New Brunswick
21 Home News Row
New Brunswick NJ 08901

INTRODUCTION TO MOTOR CONTROLS (04/28/2026 - WOODBURY)

Description:

Basic Principles of Motor Controls, Definitions, Abbreviations, Symbols, Diagrams and Common Control Equipment, Devices, and Schematic Symbols

- ☐ Identify common language, symbols, and abbreviations associated with motors and motor control.
- ☐ List, define, and learn the operation of common control equipment and devices.
- ☐ List common components of schematics.
- ☐ Explain the difference between a ladder diagram, wiring diagram and a pictorial diagram.
- ☐ Identify types of motor starters, overloads, auxiliary contacts, and accessory devices.
- ☐ Explain the difference between 2 and 3-wire control circuits.
- ☐ Draw a basic start/stop diagram with memory circuit.

- **Date:** 04/28/2026
- **Time:** 4:30 - 9:30 pm
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:**4
- **Instructor:** Kevin Muller
- **Location:**
Warshauer Tech, Woodbury
459 Mantua Pike
Woodbury, NJ 08096

**BUNDLE: Grounding, Shielding and Surge Protection & Basics of Surge Suppressors
(05/06/2026 - New Brunswick)**

Description:

Basics of Surge Suppressors – This seminar teaches participants the general requirements, installation requirements, and connection requirements for Surge Protection (SPDs) on electrical distribution systems. The basics of surge protection theory is also presented to give the student an increased understanding of applying proper surge protection on the electrical distribution system.

Grounding, Shielding, and Surge Protection - This course is designed to demystify the subject of grounding and presents the subject in a clear, straightforward manner. Installation, testing and inspection procedures for industrial and commercial power systems will be examined in detail. Essentially the discussion in this course is broken down into grounding, shielding and surge protection for both power and electronics systems. An attendee will gain the following from this course:

- Knowledge of the various methods of grounding electrical systems
- Details of the applicable national Standards
- The purposes of grounding and bonding
- A list of the types of systems that cannot be grounded
- Details on how to correctly shield sensitive communications cables from noise and interference
- Know-how on surge and transient protection
- **Date:** 05/06/2026
- **Time:** 4:30 - 9:30 pm
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:** 5
- **Instructor:** Constantinos Papademas
- **Location:**
Warshauer Tech, New Brunswick
21 Home News Row
New Brunswick NJ 08901

NEC 2026 Code Update (05/8/2026 and 05/9/2026 - Parsippany)

Course provides a detailed breakdown of the significant structural changes, new requirements, and revised rules in the 2026 National Electrical Code, focusing on topics like working space, load calculations, GFCI/AFCI updates, EV Charging, Energy Storage, and the ongoing NEC reorganization to help electrical professionals maintain compliance and enhance safety.

- **Dates:** (2 Parts)

05/8/2026 from 4:30 - 9:30 pm

05/9/2026 from 9am to 2pm

- **Sponsor/Provider:** Warshauer Electric Supply

- **Sponsor Number:** ECSP016

- **CEUs:** 10

- **Instructor:** Constantinos Papademas

- **Location:**

Warshauer Tech, Parsippany

77 East Halsey Road

Parsippany, NJ 07054

Most Common Reasons for Failing Inspections and Plan Review (05/20/2026 - Virtual)

Course covers over 100 of the most common reasons electrical contractors fail to receive approvals for their permit applications and inspections. The topics were gathered from electricians, inspectors, architects, and engineers. The sources they reference are from the NEC, Uniform Construction Code, Barrier Free Code, International Energy Conservation Code, International Residential Code, International Building Code and the NFPA 72, the National Fire Alarm Code. This course will aid the electrical contractor in successfully completing the permit application and inspection processes.

- **Date:** 05/20/2026
- **Time:** 4:30 - 6:30 pm
- **Sponsor/Provider:** Warshauer Electric Supply
- **Sponsor Number:** ECSP016
- **CEUs:** 2
- **Instructor:** Constantinos Papademas
- **Location:** Virtual - A meeting link will be sent to the email address entered in the form below on the Monday prior to the class date