

NORTHEAST PUBLIC POWER ASSOCIATION

2023

APPRENTICE

LINeworker

PROGRAM

NEPPA has adopted the four-year curriculum of the Northwest Lineman College's Lineworker Certification Program and combines hands-on and formal classroom training. Students attend class four times a year for four days each to complete the four-year program.



In addition to attending all classroom time and the rodeo, students are expected to:

- Self-study by reading the material.
- Track, record, and submit monthly apprenticeship reports of on-the-job training.
- Track, record and submit quarterly "competency" forms.

Each year, students participate in an additional two-day Skills Assessment Rodeo to further practice and demonstrate their skills development. The Apprentice Rodeo is designed to showcase the apprentices' developing technical and climbing skills, and to reinforce the program's focus on professionalism, safety, and proper technique.

COURSE LENGTH (4 days/week; 4 weeks per year + 2-day Skills Assessment Rodeo)

Each Friday of the session will consist of a virtual review of the week's material and online testing. Students should plan to attend classes in-person at the Training Center Tuesday - Thursday and join the session(s) remotely on Friday.

COURSE SCHEDULE

**Any changes will be in bold.*

Apprentice Lineworker Program –

Year 1 Group A (4 Sessions)

Jan. 31 – Feb. 3; Mar. 21 - 24; Aug. 29 – Sep. 1; Oct. 17 - 20 (8am - 2pm)

Year 1 Group B (4 Sessions)

Jan. 31 – Feb 3; Mar. 28 – 31; Aug. 29 – Sep. 1; Oct. 24 – 27 (8am – 2pm)

Year 2 Group A (4 Sessions)

Feb. 7 - 10; Apr. 4 - 7; Sep. 12 - 15; Oct. 31 – Nov. 3 (8am - 2pm)

Year 2 Group B (4 Sessions)

Feb. 7 - 10; Apr. 18 - 21; Sep. 12 - 15; **Nov. 7 - 10** (8am - 2pm)

Year 3 Group A (4 Sessions)

Feb. 28 – Mar. 3; Apr. 25 - 28; Sep. 26 - 29; Nov. 14 - 17 (8am - 2pm)

Year 3 Group B (4 Sessions)

Feb. 28 – Mar. 3; May 2 - 5; Sep. 26 - 29; **Nov. 28 – Dec. 1** (8am - 2pm)

Year 4 Group A (4 Sessions)

Mar. 7 - 10; **May 16 - 19**; Oct. 3 - 6; **Dec. 5 - 7** (8am - 2pm)

Year 4 Group B (4 Sessions)

Mar. 7 - 10; May 16 - 19; Oct. 3 - 6; **Dec. 5 - 7** (8am - 2pm)

Apprentice Skills Assessment Rodeo

**all participants will receive an event t-shirt*

June 7 - 8 (8am - 2pm)

Apprentice Lineworker Program – Class of 2023 Graduation

December 7 (8am - 1pm)

Apprentice Lineworker Program Make-ups

**There will be a separate fee of \$75 per person, per make-up session, in 2023*

June 13 – 14 (hands-on)

November 28 – 29 (hands-on)

June 15 (exams)

November 30 (exams)





ATTENDANCE POLICY

Students are required to attend all 16 days of the in-class program as well as the two-day Skills Assessment Rodeo.

Any student unable to attend their regularly scheduled class or the Skills Assessment Rodeo is required to make-up the time, training, and competencies covered during those class days. To progress into the next year or to complete the Program, all students must complete the full program requirements.

To keep students up to date with their progress in the Program, NEPPA records in-class lectures for students to review (in addition to reading their books), works with students to stay caught up on their testing, and scheduled two dedicated weeks for students to make-up the field training at NEPPA with our instruction team.

Apprentice Lineworker Program Make-Up Weeks

Any student who needs to make-up time in the Program and/or conduct competencies for the Program is expected to attend the make-up training weeks at NEPPA:

June 13 - 15, 2023 (Years I – IV)

November 28 - 30, 2023 (Years I – IV)

**There will be a separate fee of \$75 per person, per make-up session, in 2023*

CANCELLATION POLICY

All program withdrawals must be sent in writing to NEPPA or emailed to training@neppa.org. Substitutions may be made at any time (prior to the start of the program).

Books must be returned within 35 days of the shipment date, provided that no exams have been taken and they are in like-new condition, so the appropriate refund can be issued. If books are not returned within this time frame, the cost will be deducted from the tuition refund as described below.

Withdrawals/cancellations received based on the schedule below are eligible for the following:

3 weeks prior to the 1st scheduled week of class = 100% refund of tuition

Before completion of the 1st scheduled week of class = 75% refund of tuition

Before the completion of the 2nd scheduled week of class = 50% refund of tuition

After the 2nd scheduled week of class = 0% refund of tuition

TOPICS COVERED & PREREQUISITES

Year One: Introduction to power delivery; safety; working in elevated positions; knots, splices and rope; electrical systems; first aid; applied mathematics; basic electrical theory; transformer basics; and 29 CFR 1910.269 (Parts A, B, C, G, I, K, N)

Prerequisite: It is recommended that students new to the program be pre-qualified, either through their utility or through NEPPA's Lineworker Pre-Qualification Program.

All new and Year One Students are required to complete a New Student Enrollment Agreement form with the Northwest Lineman College, including a "Readiness Assessment".

Year Two: Safety; AC fundamentals; personal protective grounding; live line equipment and methods; rigging; underground conductors; overhead conductors; electrical test equipment; substations; and 29 CFR 1910.269 (Parts H, J, L, M, R)

Prerequisite: Year One, or successful completion of the Year One Prequalification Competencies & Exam

Year Three: Safety; special elements; metering; system power flow; advanced transformers; maps and standards; system protection; National Electric Safety Code One and Two; and 29 CFR 1910.269 (Parts E, F, P, Q, T, U, W)

Prerequisite: Year Two, or successful completion of the Year One and Year Two Prequalification Competencies & Exams

Year Four: Safety; communication systems; special elements; vegetation management; system operation; system automation; overhead line design; underground line design; trouble investigation; and crew leadership.

Prerequisite: Year Three

TESTING & COMPETENCIES

To measure comprehension of the material covered, participants are required to pass both online exams and demonstrate core competencies related to the work performed.

Students are required to pass 10 exams each year, which coincide with the topics and books listed above. Exams are taken online via a computer and **must be proctored** by NEPPA or a supervisor.

Competencies are hands-on practical demonstrations of the skills required in linework. All competencies must be documented and observed by NEPPA's instruction team. Monthly on-the-job reporting is also required to document competencies practiced.





REGISTRATION

Registration fees include written student books, a program tote, sweatshirt, rodeo t-shirt, and the supplemental materials listed below.

Coffee and lunch are served each day; however, lodging is not included.

NEPPA Members:

\$3,450 per person, per year

Non-Members:

\$5,170 per person, per year

In-person, Hands-on Make-ups:

\$75, per person, per make-up session

Pre-Qualification Assessment (1 – 3 Individuals):

NEPPA Members: \$500 per person

Non-Members: \$750 per person

4+ Individuals: Contact NEPPA

For more information on the Pre-Qualification Program, contact NEPPA at (978) 540-2200.

SUPPLEMENTAL MATERIALS

In addition to the student's binder/textbooks, the program tote and sweatshirt, students are also provided the following supplemental materials **(New Students will receive their program material at the training center):**

- Calculator
- UGLY's Electrical Reference
- Lineman's Pocket Reference
- Distribution Transformer Handbook
- APPA Safety Manual **(on hold until new edition is available, late January – Early February)**

ADDITIONAL EQUIPMENT

All students are required to bring the following to all scheduled classes and the rodeo:

- Climbing Gear
- Hardhat
- Safety Glasses
- Rubber Gloves & Sleeves
- Leather Gloves
- Work Boots
- Your Utility Work Uniform

NEPPA Apprentice Lineworker Program

Year I: Agenda & Syllabus *

* Agenda details are subject to change

Session I: January 31 - February 3, 2023 (Groups A & B)

Tuesday

8:00 am Welcome, Introductions & Program Expectations
 9:45 am Break
 10:00 am Introduction to Power Delivery
 11:30 am Lunch
 12:00 pm Introduction to Power Delivery (cont.)
 12:45 pm Safety I
 2:00 pm Adjourn

Wednesday

8:00 am Working in Elevated Positions
 9:45 am Break
 10:00 am Working in Elevated Positions (cont.)
 11:30 am Lunch
 12:00 pm Climbing Assessment & Skills Development
 2:00 pm Adjourn

Thursday

8:00 am Guest Speaker
 11:30 am Lunch
 1:30 pm Begin Knots, Splices & Rope
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Introduction to Power Delivery
 8:45 am Intro to Power Delivery Exam
 9:45 am Review Safety I
 10:30 am Safety I Exam
 11:30 am Lunch
 12:00 pm Review Working in Elevated Positions
 1:00 pm Working in Elevated Positions Exam
 2:00 pm Adjourn

Session 2: March 21 – 24, 2023 (Group A); March 28 – 31, 2023 (Group B)

Tuesday

8:00 am Welcome
 8:30 am Knots, Splices & Rope
 9:45 am Break
 11:30 am Lunch
 12:00 pm Electrical Systems
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development: Knots, Bucket Rescue, Hurtman Rescue, Obstacle Course
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Thursday

8:00 am Skills Development: Crossarm Changeout, Insulator Changeout
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 1:30 pm Begin First Aid
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Knots, Splices & Rope
 9:00 am Knots, Splices & Rope Exam
 10:00 am Review Electrical Systems
 11:00 am Electrical Systems Exam
 11:30 am Lunch Break
 12:00 am Review First Aid
 2:00 pm Adjourn



NEPPA Apprentice Lineworker Program

Year I: Agenda & Syllabus *

* Agenda details are subject to change

Session 3: August 29 - September 1, 2023 (Groups A & B)

Tuesday

8:00 am Welcome
 8:30 am First Aid
 9:45 am Break
 10:00 am Applied Mathematics
 11:30 am Lunch
 12:00 pm Applied Mathematics (cont.)
 12:30 pm Basic Electrical Theory
 2:00 pm Adjourn

Thursday

8:00 am Skills Development:
 Service Hook-Up, Double Crossarm
 Changeout, Obstacle Course
 Transitioning Over Crossarms
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 1:30 pm **Begin Basic Electrical Theory**
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
 Pole Top & Bucket Rescue, Manhole
 Rescue
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review First Aid
 9:00 am **First Aid Exam**
 10:00 am Review Applied Mathematics
 11:00 am **Applied Mathematics Exam**
 11:30 am Lunch
 12:00 pm **Review Basic Electrical Theory**
 2:00 pm Adjourn

Session 4: October 17 - 20, 2023 (Group A); October 24 - 27, 2023 (Group B)

Tuesday

8:00 am Welcome
 8:30 am Transformer Basics
 9:45 am Break
 11:30 am Lunch
 12:00 pm OSHA 1910.269 (I)
 2:00 pm Adjourn

Thursday

8:00 am Skills Development:
 Hanging Transformers, Installing
 Triplex Wire, Transformer Wiring
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
 Transformer Cut Over, Basic
 Transformer Operation, Complete
 Competencies
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Basic Electrical Theory
 8:45 am **Basic Electrical Theory Exam**
 9:45 am Review Transformer Basic
 10:30 am **Transformer Basics Exam**
 11:30 am Lunch
 12:00 pm Review OSHA 1910.269 (I)
 12:30 pm **OSHA 1910.269 (I) Exam**
 1:30 pm **Looking Ahead to Year 2**
 2:00 pm Adjourn



NEPPA Apprentice Lineworker Program

Year 2: Agenda & Syllabus *

* Agenda details are subject to change

Session 1: February 7 - 10, 2023 (Groups A & B)

Tuesday

8:00 am Welcome, Introductions & Program Expectations
 9:15 am Break
 9:30 am Safety 2
 10:30 am AC Fundamentals
 11:30 am Lunch
 12:00 pm AC Fundamentals (cont.)
 12:30 pm Personal Protective Grounding
 2:00 pm Adjourn

Thursday

8:00 am Climbing Assessment & Skills Development: Single & Double Arm Changeouts, Circuit Breaker Rack Out
 11:30 am Lunch
 12:00 pm Climbing Assessment & Skills Development (cont.)
 1:30 pm **Begin Live Line Equipment & Methods**
 2:00 pm Adjourn

Wednesday

8:00 am Climbing Assessment & Skills Development: Hurtman Rescue, Bucket Rescue, Obstacle Course, Personal Protective Grounds
 11:30 am Lunch
 12:00 pm Climbing Assessment & Skills Development (cont.)
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Safety 2
 8:45 am **Safety 2 Exam**
 9:45 am Review AC Fundamentals
 10:30 am **AC Fundamentals Exam**
 11:30 am Lunch
 12:00 pm Review Personal Protective Grounding
 12:30 pm **Personal Protective Grounding Exam**
 1:30 pm Adjourn

Session 2: April 4 - 7, 2023 (Group A); April 18 - 21, 2023 (Group B)

Tuesday

8:00 am Welcome
 8:30 am Live Line Equipment & Methods
 9:45 am Break
 11:30 am Lunch
 12:00 pm Rigging
 2:00 pm Adjourn

Thursday

8:00 am Skills Development: Rigging & Slings with Digger Derricks
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 1:30 pm **Begin Underground Conductors**
 2:00 pm Adjourn

Wednesday

8:00 am **Guest Speaker**
 11:30 am Lunch
 12:00 pm Guest Speaker (cont.)
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Live Line Equipment & Methods
 8:45 am **Live Line Equipment & Methods Exam**
 9:45 am Review Rigging
 10:30 pm **Rigging Exam**
 11:30 am Adjourn



NEPPA Apprentice Lineworker Program

Year 2: Agenda & Syllabus *

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Session 3: September 12 - 15, 2023 (Groups A & B)

Tuesday

8:00 am Welcome
 8:30 am Underground Conductors
 9:45 am Break
 10:00 am Overhead Conductors
 11:30 am Lunch
 12:00 pm Electrical Test Equipment
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
 Splicing Wire, Pulling Wire
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Thursday

8:00 am Skills Development:
 Pole Top & Bucket Rescue, Manhole
 Rescue, Crossarm Changeout,
 Obstacle Course
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 1:30 pm **Begin Electrical Test Equipment**
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Underground Conductors
 8:45 am **Underground Conductors Exam**
 9:45 am Review Overhead Conductors
 10:30 am **Overhead Conductors Exam**
 11:30 pm Adjourn

Session 4: October 31 - November 3 (Group A); November 7 - 10, 2023 (Group B)

Tuesday

8:00 am Welcome
 8:30 am Introduction to Substations
 9:45 am Break
 11:30 am Lunch
 12:00 pm OSHA 1910.269 (2)
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
 Racking Breakers, Lockout/Tagout;
 Ladder Use and Safety, Ergonomics,
 Chainsaw Safety
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Thursday

8:00 am Skills Development:
 Manhole Rescue and Retrieval
 Systems, Print Reading
 11:30 am Lunch
 12:00 pm **Site Visit**
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Electrical Test Equipment
 8:45 am **Electrical Test Equipment Exam**
 9:45 am Review Introduction to Substations
 10:30 am **Introduction to Substations Exam**
 11:30 am Lunch Break
 12:00 am Review OSHA 1910.269 (2)
 12:30 pm **OSHA 1910.269 (2) Exam**
 1:30 pm **Looking Ahead to Year 3**
 2:00 pm Adjourn



NEPPA Apprentice Lineworker Program

Year 3: Agenda & Syllabus *

* Agenda details are subject to change

Session 1: February 28 – March 3, 2023 (Groups A & B)

Tuesday

8:00 am Welcome, Introductions & Program Expectations
 9:15 am Break
 9:30 am Safety 3
 10:30 am Special Elements I
 11:30 am Lunch
 12:00 pm Special Elements (cont.)
 12:30 pm Metering
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development: Meter Testing, 3 Phase Meters, AMR
 11:30 am Lunch
 12:00 pm Climbing Assessment & Skills Development: Hurtman & Bucket Rescue
 2:00 pm Adjourn

Thursday

8:00 am Skills Development: Insulator & Crossarm Changeouts, Crew Leadership & Job Briefings
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 1:30 am **Begin System Power Flow**
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Safety 3
 8:45 am **Safety 3 Exam**
 9:45 am Review Special Elements
 10:30 am **Special Elements Exam**
 11:30 am Lunch
 12:00 pm Review Metering
 1:00 pm **Metering Exam**
 2:00 pm Adjourn

Session 2: April 25 - 28, 2023 (Group A); May 2 - 5, 2023 (Group B)

Tuesday

8:00 am Welcome
 8:30 am System Power Flow
 9:45 am Break
 11:30 am Lunch
 12:00 pm Advanced Transformers
 2:00 pm Adjourn

Wednesday

8:00 am Skills Development: Wye/Delta Wiring - Three Phase Transformer Banks, Hanging & Wiring Three-Phase Banks
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 2:00 pm Adjourn

Thursday

8:00 am Skills Development: Hurtman & Bucket Rescue, etc.
 11:30 am Lunch
 12:00 pm Skills Development (cont.)
 1:30 pm **Begin Maps & Standards**
 2:00 pm Adjourn

Friday (Virtual)

8:00 am Review System Power Flow
 8:45 am **System Power Flow Exam**
 9:45 am Review Advanced Transformers
 10:30 am **Advanced Transformers Exam**
 11:30 pm Adjourn



NEPPA Apprentice Lineworker Program

Year 3: Agenda & Syllabus *

* Agenda details are subject to change

Session 3: September 26 - 29, 2023 (Groups A & B)

Tuesday

8:00 am Welcome
8:30 am Maps & Standards
9:30 am Break
9:45 am System Protection
11:30 am Lunch
12:00 pm National Electric Safety Code (NESC)
– Parts 1 & 2
2:00 pm Adjourn

Thursday

8:00 am Skills Development:
Hurtman & Bucket Rescue, 3-Phase
Connections, Transformer
Changeout
11:30 am Lunch
12:00 pm Skills Development (cont.)
1:30 pm **Begin NESC 1 & 2**
2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
Mapping & Construction Standards,
Recloser Settings
11:30 am Lunch
12:00 pm **Guest Speaker**
2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Maps & Standards
8:45 am **Maps & Standards Exam**
9:45 am Review System Protection
10:30 am **System Protection Exam**
11:30 am Lunch Break
12:00 pm Review NESC – Parts 1 & 2
1:00 pm NESC – Parts 1 & 2 Exam
2:00 pm Adjourn

Session 4: November 14 - 17, 2023 (Group A); November 28 - December 1, 2023 (Group B)

Tuesday

8:00 am Welcome
8:30 am OSHA 1910.269 (3)
11:30 am Lunch
12:00 pm OSHA 1910.269 (3), cont.
2:00 pm Adjourn

Thursday

8:00 am Skills Development:
Digger Derricks – Cut & Kick a Pole,
Pole-Mounted Transformers
11:30 am Lunch
12:00 pm **Site Visit**
2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
Manhole, Hurtman & Bucket Rescue,
Hang & Wire Capacitor Bank,
Examine Backfeed
11:30 am Lunch
12:00 pm Skills Development (cont.)
2:00 pm Adjourn

Friday (Virtual)

8:00 am Review NESC Part 1
8:45 am **NESC Part 1 Exam**
9:45 am Review NESC Part 2
10:30 am **NESC Part 2 Exam**
11:30 am Lunch Break
12:00 pm Review OSHA 1910.269 (3)
12:30 pm **OSHA 1910.269 (3) Exam**
1:30 pm **Looking Ahead to Year 4**



NEPPA Apprentice Lineworker Program

Year 3: Agenda & Syllabus *

* Agenda details are subject to change

2:00 pm Adjourn

Session 1: March 7 - 10, 2023 (Groups A & B)

Tuesday

8:00 am Welcome, Introductions & Program Expectations
9:00 am Break
9:15 am Safety 4
10:15 am Communication Systems
11:30 am Lunch
12:00 pm Special Elements 2
1:00 pm Vegetation Management
2:00 pm Adjourn

Wednesday

8:00 am Guest Speaker (FR Clothing)
11:30 am Lunch
12:00 pm Apprentice Roundtable:
Disaster Relief & Mutual Aid
2:00 pm Adjourn

Thursday

8:00 am Skills Development:
Crew Leadership & Job Briefings,
Hanging a Three-Phase Bank, Three-
Phase Pole Transfer
11:30 am Lunch
12:00 pm Skills Development (cont.)
1:30 pm **Begin System Operation**
2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Safety 4
8:30 am **Safety 4 Exam**
9:30 am Review Communication Systems
10:00 am **Communication Systems Exam**
11:00 am Lunch
11:30 pm Review Special Elements 2
11:45 pm **Special Elements 2 Exam**
12:45 pm Review Vegetation Management
1:00 pm **Vegetation Management Exam**
2:00 pm Adjourn

Session 2: May 16 - 19, 2023 (Groups A & B)

Tuesday

8:00 am Welcome
8:30 am System Operation
9:45 am Break
10:00 am System Automation
11:30 am Lunch
12:00 pm Overhead Line Design
2:00 pm Adjourn

Wednesday

8:00 am Skills Development:
Reclosers & SCADA Operations
11:30 am Lunch
12:00 pm Guest Speaker
2:00 pm Adjourn

Thursday

8:00 am Skills Development:
Digger Derricks, Cut & Kick a Pole,
Cover-Up (Insulate & Isolate),
Grounding
11:30 am Lunch
12:00 pm Skills Development (cont.)
1:30 pm **Begin Underground Line Design**
2:00 pm Adjourn

Friday (Virtual)

8:00 am Review System Operation
9:00 am **System Operation Exam**
10:00 am Review System Automation
11:00 am Lunch Break
11:30 am **System Automation Exam**



NEPPA Apprentice Lineworker Program

Year 4: Agenda & Syllabus *

* Agenda details are subject to change

12:30 pm Review Overhead Line Design
1:15 pm [Overhead Line Design Exam](#)

2:00 pm Adjourn

Session 3: October 3 - 6, 2023 (Groups A & B)

Tuesday

8:00 am Welcome
8:15 am Underground Line Design
9:30 am Break
9:45 am Trouble Investigation
11:30 am Lunch
12:00 pm Crew Leadership
2:00 pm Adjourn

Wednesday

8:00 am **Skills Development:
Mock Drill**
11:30 am Lunch
12:00 pm Skills Development (cont.)
2:00 pm Adjourn

Thursday

8:00 am **Skills Development:
Mock Drill Debrief**
11:30 am Lunch
12:00 pm Skills Development (cont.)
2:00 pm Adjourn

Friday (Virtual)

8:00 am Review Underground Line Design
8:45 am [Underground Line Design Exam](#)
9:45 am Review Trouble Investigation
10:30 am [Trouble Investigation Exam](#)
11:30 am Lunch Break
12:00 pm Review Crew Leadership
12:30 pm [Crew Leadership Exam](#)
1:30 pm [Discussion on graduation week](#)
2:00 pm Adjourn

Session 4: December 5 - 7, 2023 (Groups A & B)

Tuesday

8:00 am Welcome
8:30 am **Safety Roundtable**
11:30 am Lunch
12:00 pm **Guest Speaker**
2:00 pm Adjourn

Wednesday

8:00 am **Manufacturer Field Trip**
11:30 am Lunch
12:00 pm Field Trip(s) (cont.)
2:00 pm Adjourn

Thursday (In-person)

8:00 am **Annual Membership Meeting –
registration begins**
9:00 am **Annual Membership Meeting –
Welcome/President’s Address**
12:00 pm Lunch Break
1:00 pm **Graduation Ceremony Begins**
2:00 pm Adjourn



INSTRUCTION TEAM

Dan Flynn, Technical & Safety Trainer Certified First Aid/CPR/AED Instructor



Dan Flynn has been a safety trainer with Northeast Public Power Association, since September 2018 after retiring from Wakefield Municipal Gas and Light Dept with more than a 40-year career in public power.

Dan started in the electric meter department in the 1970's and worked his way through the electric line department as a lineman/line foremen and his last position as the electric department superintendent. Some of Dan's responsibilities covered construction, maintenance, and safety of the electric line division. Dan continues to maintain his IB/2A Mass. hoisting license and a Mass. Class A Driving license.

Dan lives with his wife Alayne, of 39 years and they have two adult children and one grandchild.

He says, "It is a privilege to continue to be involved with the public power industry in New England to give back any knowledge I've acquired over these many years."

Michael "Mike" Pazzanese, CUSP, Safety & Technical Trainer



Mike joined NEPPA as part of the training team in April 2021.

Mike is a Certified Utility Safety Professional (CUSP) with 38 years of experience in all aspects of electric and gas utility operations, as well as contractor management, employee health and safety, and utility technical training, particularly in underground distribution and cable splicing.

Mike holds both the OSHA 30-hour General Industry and 20-hour Leadership Certifications.

As a graduate of Bridgewater State University with a teaching degree, Mike's background and utility technical training experience strengthens NEPPA's capacity to provide top-tier training.

Steve Socoby, CUSP, Technical & Safety Trainer Authorized OSHA Outreach Instructor (Construction); Certified First Aid/CPR/AED Instructor



Steve has 36 years of hands-on experience in all facets of operations, of public power utilities including: Line Superintendent; supervision of crews, maintenance, new construction, reliability, and associated plant & sub-station responsibilities. He is a recognized expert in safety and OSHA compliance.

Recognized as an industry leader and expert, in 2001 Steve received the Distinguished Service Award from the Northeast Public Power Association and been recognized by the Maine State Legislature for his previous 30 Years of Distinguished Service. Steve attended the University of Maine at Orono.

In 2020, Steve was honored for his long-standing commitment to NEPPA and the industry by being awarded the organization's Person of the Year Award.





NORTHEAST PUBLIC POWER ASSOCIATION
200 NEW ESTATE ROAD | LITTLETON, MA 01460
TRAINING@NEPPA.ORG
(978) 540-2200