



AMP TECHNICAL SERVICES  
TRAINING CATALOG  
**2023**

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“As the line industry continues to evolve, AMP’s training has a wealth of information and is a valuable tool in our program. With the addition of the Northwest Lineman College material and the instructors with AMP, our linemen are getting top-notch training from apprentice to Journeyman. This not only helps with line-work but is also preparing them to move into a leadership role”

–Rodney Troxell  
Electric Superintendent  
City of Cuyahoga Falls



## 2023 REGISTRATION INFORMATION

Online registration for AMP’s Lineworker Training Program is open. AMP member municipal electric systems seeking high-quality training designed to help improve employee performance, enhance safety and ultimately lead to greater system reliability and customer satisfaction are encouraged to sign up. Early registration is encouraged, as AMP’s training courses tend to fill up fast.

**Register here: [2023 AMP Lineworker Training Program Registration](#)**

# WHY TRAINING?

Improve *performance*  
Increase *knowledge*  
Expand *skills*  
Boost *safety*

AMP member municipal electric systems seeking high-quality training designed to help improve employee performance, enhance safety and ultimately lead to greater system reliability and customer satisfaction can be confident that the AMP Training Programs are the resource they need.

Over the past 25 years, more than 1,200 workers from 87 member communities in six states have attended AMP's popular lineworker training series.

As a result of member feedback on the AMP apprentice lineworker training program and to enhance the training experience for individual trainees, AMP is expanding its apprentice lineworker training from one to two weeks per level training course allowing apprentices more time in the classroom and field to grow in their trade. Class curriculum and content have been adjusted accordingly.

We encourage you to explore this brochure for descriptions and schedules of the training courses and other training opportunities offered by AMP.

AMP will also assist members interested in arranging local or regional sessions. For more information, please contact Jennifer Flockerzie, AMP manager of technical services logistics, at [jflockerzie@amppartners.org](mailto:jflockerzie@amppartners.org).

Please send any comments or suggestions to Michelle Palmer, AMP vice president of technical services and compliance, at [mpalmer@amppartners.org](mailto:mpalmer@amppartners.org).

## AMP's 2023 Training Program features:

- Certified apprentice level classes with specific guidelines for each of the four apprentice-level courses. These courses supplement the required correspondence book work with hands-on learning that emphasizes the importance of safe and proper work techniques.
- More regional training. Members have asked for regional safety and lineworker specific training.
- Competitively priced courses on a variety of utility operations subjects.
- Classroom and virtual instruction from highly-skilled and qualified instructors who put safety and best practices at the forefront of everything they teach.
- A curriculum developed with AMP members in mind. Classes offered have been requested by members and additional classes may be added as needed.

**NOTE:** A *Schedule to Master Services Agreement for Participation in Safety and Training Programs* must be executed and returned one month prior to training class otherwise the registration will be denied. To obtain an agreement form, contact Jennifer Flockerzie at [jflockerzie@amppartners.org](mailto:jflockerzie@amppartners.org).

AMP reserves the right to cancel or reschedule courses, but will work with members who have registered to try to reschedule or combine classes in the case of participation levels not meeting minimum attendance requirements.



# LINEWORKER TRAINING

## Lineworker Training Basic 1

The art of pole climbing and working on the pole will be taught during the Lineworker Training Basic 1 course. Created for first-year apprentices, this course consists of two weeklong classes on non-consecutive weeks. This class places a strong emphasis on safety and provides an introduction and practice to climbing skills, as well as basic electrical theory, applied mathematics, first aid, transformer basics and other introductory skills. Designed to serve as a supplement to in-house training, the course includes book work and hands-on training covering the basic skills needed for entry-level line work.

**Prerequisite:**

- Agreement for Participation in Safety & Training Programs
- Completion of Groundworker Training preferred

**Date:** July 17–20 and Aug. 28–31  
**Location:** AMP Headquarters – Columbus  
**Class length:** Two non-consecutive weeks  
**Class size:** Limited to 20  
**Cost:** \$2,400 for the course; and \$677 for Northwest Lineman College Module

## Lineworker Training Basic 2

Apprentices in their second year will work to expand their knowledge and skills during Lineworker Training Basic 2. The second class in AMP’s Lineworker series, this course consists of two weeklong classes on non-consecutive weeks and places a strong emphasis on safety, building on the skills learned in Basic 1 through book work and hands-on training. Topics include:

- Enhanced climbing skills;
- Personal protective equipment;
- Grounding;
- Arc flash;
- Gloving procedures;
- Installation of equipment (crossarms);
- Underground and overhead conductors, substations, live-lines; and
- Equipment and transformer basics.

**Prerequisite:**

- Agreement for Participation in Safety & Training Programs
- Basic 1 is required unless instructor approves
- Attendees must be enrolled in NLC program and it is preferred they participate in the class level coinciding with their book year

**Date:** June 26–29 and Aug. 14–17  
**Location:** AMP Headquarters – Columbus  
**Class length:** Two non-consecutive weeks  
**Class size:** Limited to 20  
**Cost:** \$2,400 for the course; and \$677 for Northwest Lineman College Module



“AMP’s training program is essential for ensuring the safety of our line workers and for providing reliable electric service to our customers. I appreciate that AMP is continually improving their training/safety programs.”



–Steven Diehl

Electric Superintendent  
Safety Committee Chairman  
Borough of Kutztown

### Lineworker Training Intermediate

Move one step closer to journeyman status with the Lineworker Training Intermediate course. The third class in AMP’s Lineworker series, this course consists of two weeklong classes on non-consecutive weeks and places a strong emphasis on safety and incorporates book work and hands-on training to help provide additional installation skills, troubleshooting and simulated energized work. Participants will have the opportunity to gain a better knowledge of metering, preparing job hazard analysis/job briefings, mapping, transformers, system protection and national standards.

**Prerequisite:**

- Agreement for Participation in Safety & Training Programs
- Lineworker Fundamentals 2 is required unless instructor approves
- Attendees must be enrolled in NLC program and it is preferred they participate in the class level coinciding with their book year

**Date:** April 3–6 and June 5–8  
**Location:** AMP Headquarters – Columbus  
**Class length:** Two non-consecutive weeks  
**Class size:** Limited to 18  
**Cost:** \$2,400 for the course; and \$677 for Northwest Lineman College Module

### Lineworker Training Advanced

Experienced lineworkers looking for a refresher course or fourth-year apprentices hoping to enhance their skills will find what they’re looking for in the Lineworker Training Advanced course. The final section of AMP’s Lineworker series, this course consists of two weeklong classes on non-consecutive weeks and places a strong emphasis on safety and delves further into installation skills, simulated energized work and simulated hot stick work. The course is designed to provide an advanced knowledge of trouble investigation, underground cable terminating, secondary fault locating, crew leadership, communications and automation.

**Prerequisite:**

- Agreement for Participation in Safety & Training Programs
- Completion of Intermediate is required unless instructor approves
- Attendees must be enrolled in NLC program and it is preferred they participate in the class level coinciding with their book year

**Date:** March 20–23 and May 8–11  
**Location:** AMP Headquarters – Columbus  
**Class length:** Two non-consecutive weeks  
**Size:** Limited to 18  
**Cost:** \$2,400 for the course; and \$677 for Northwest Lineman College Module

# REGIONAL TRAINING

## Regional Training

Regional training events held throughout the year that cover a variety of relevant safety topics for municipal electric systems. Four trainings will be held throughout the state in 2023. These meetings will feature Brent Jeffries of Bierer Meters and will cover lineworker safety and tool training. Meetings are open to all AMP members regardless of location.

**Date:** Planning underway

**Locations:**

## URD Distribution Troubleshooting

Training event on the topic of underground residential distribution (URD) troubleshooting. Topics covered include switching techniques, phasing sticks, troubleshooting and transformer change-out.

**Date:** Planning underway

**Location:**

## Equipotential Grounding Applications

Training event on the general principles and safety benefits of equipotential zone grounding for overhead application.

**Date:** Planning underway

**Location:**

## Additional Regional Training

Regional training events held throughout the year that cover a variety of relevant safety topics for municipal electric systems. Meetings are open to all AMP members regardless of location.

**Date:** Planning underway

**Location:**

## Leadership Training

AMP has developed a leadership training program. This program targets utility personnel who are looking to move into leadership or are new to a leadership role. Sessions will cover management principles, communication, planning, budgeting, as well as a variety of other topics. Additional information will be released as it becomes available

**Session 1: Effective Communication**

**Date:** May 23-24

**Session 2: Planning, Budgeting and System Improvement**

**Date:** Aug. 1-2

**Session 3: Development of Staff**

**Date:** October 2023

**Session 4: Compliance and Leadership**

**Date:** February 2024

**Session 5: Public Speaking and Navigating Government**

**Date:** March 2024

# ADDITIONAL OPPORTUNITIES

## APPA Lineworkers Rodeo

Visit the APPA website at [www.publicpower.org](http://www.publicpower.org) for more information.

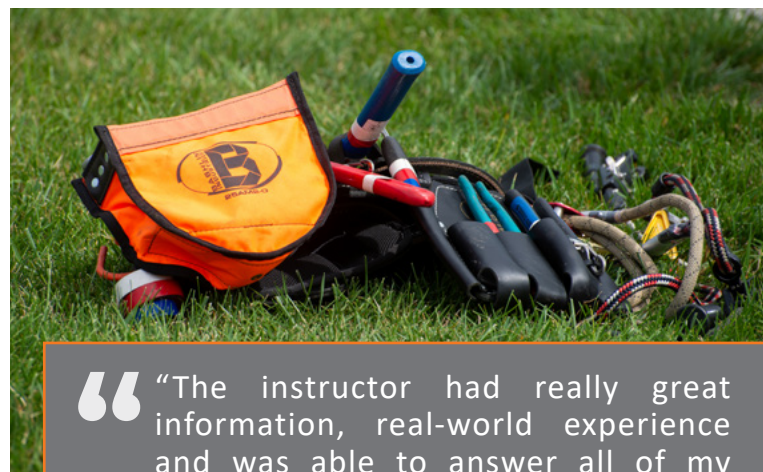
**Date:** March 31–April 1  
**Location:** Kansas City, Kansas

## AMP Technical Services Conference and National Electric Safety Code Class

Designed for electric utility managers, village administrators, engineers, lineworkers and technical staff, AMP’s annual Technical Services Conference will occur on April 11 and is intended to promote and contribute to the objective of operational safety and reliable system services. The training sessions and conference presentations address issues of safety and enhancing service reliability through system efficiency. The conference also features a Vendor Expo that allows attendees to see the latest in industry products and services.

On April 12, attendees can participate in a course titled Major Changes and General Overview of the NESC®, presented by David J. Marne, P.E., author of McGrawHill’s NESC 2023 Handbook and a nationally recognized speaker on the NESC. This course will focus on the major changes in the 2023 edition of the NESC and will provide a general overview of each part of the NESC.

**Date:** April 11–12  
**Location:** Quest Conference Center  
 Westerville, Ohio



“The instructor had really great information, real-world experience and was able to answer all of my questions.”

–Training attendee

## APPA Engineering and Operations Conference

Visit the APPA website at [www.publicpower.org](http://www.publicpower.org) for more information.

**Date:** April 30–May 3  
**Location:** Pasadena, California

## 2023 AMP Annual Conference

The AMP Annual Conference boasts sessions on a variety of power supply, finance, technology and regulatory topics important to the effective management of municipally-owned electric systems. Attendees have an opportunity to go to educational sessions covering the latest industry topics and network with fellow members, vendors and guests. A superintendent’s breakfast is held during this meeting and covers topics relevant to operations and maintenance.

**Date:** Sept. 25–27  
**Location:** Hilton Easton – Columbus  
**Cost:** Ranging from \$100-\$450

# OTHER COURSES

*These courses and other customized training opportunities are available upon member request.*

## Underground Distribution Troubleshooting

Power outage scenario involving a faulted padmount transformer. Participants will demonstrate proper isolation, voltage testing and grounding procedures to safely replace the transformer and return it to service.

## New Lineworker Practices

Demonstrate and discuss proper cover-up techniques, use of voltage indicators and phasing sticks, different grounding techniques on overhead construction and the proper installation of insulated jumpers/macks and load/pickup macks.

## Groundworker Training

Great for cross training from other departments, Groundworker Training is designed for entry-level apprentices as a beginning course or for municipal employees who assist the electric line crew as groundworkers.

**Class length: One day**

**Cost: \$150**

## Journeyman Refresher - Transformers

The Journeyman Refresher is focused on advanced transformer theory and the review of transformer connections. Topics will include transformer theory, single-phase and three-phase banking, transformer sizing, maintenance, troubleshooting, testing, fuse sizing and grounding. Coursework will include a mix of classroom and hands-on training.

**Class length: One day**

**Size: Minimum of 10 required**

*For more information, please contact Jennifer Flockerzie at 614.540.0853 or [jflockerzie@amppartners.org](mailto:jflockerzie@amppartners.org). To request a specific training topic, please contact Scott McKenzie at 614.540.6386 or [smckenzie@amppartners.org](mailto:smckenzie@amppartners.org).*



“We use the AMP Lineworker Training Program for our apprentices so they learn up-to-date safety measures and efficient work practices used throughout the industry. When trainees return, we have discussions on what they learned and implement practices that makes us a better workforce for our employees and customers.”

—Bruce Haws  
Electric Division Manager  
Borough of Ephrata



# SCHEDULE AT A GLANCE

## SPRING 2023

Lineworker Training Advanced

**March 20–23**

APPA Lineworkers Rodeo

**March 31–April 1**

Lineworker Training Intermediate

**April 3–6**

AMP Technical Services Conference

**April 11–12**

APPA Engineering and Operations Conference

**April 30–May 3**

Lineworker Training Advanced

**May 8–11**

Lineworker Training Intermediate

**June 5–8**

## SUMMER 2023

Lineworker Training Basic 2

**June 26–29**

Lineworker Training Basic 1

**July 17–20**

Lineworker Training Basic 2

**Aug. 14–17**

Lineworker Training Basic 1

**Aug. 28–31**

2023 AMP Annual Conference

**Sept. 25–27**

### “ WHAT OTHERS ARE SAYING ”

“They related the topics to real-world situations.”

“I like that we get hands-on experience.”

“AMP’s trainers are all extremely knowledgeable.”

“I enjoyed the challenges and getting out of my comfort zone.”

“I learned a lot that I can apply in the field.”

–Quotes pulled from anonymous post-training evaluation forms

# AMP LINEWORKER TRAINERS



**Scott McKenzie**  
**Senior Director of Member Training and Safety**

Scott McKenzie oversees the AMP training program. McKenzie joined AMP in 2013 as a member safety manager. He is a certified safety trainer and OSHA authorized outreach trainer. McKenzie is a member of the APPA Industry Standards Committee and the APPA Safety Manual Revision Task Force. Additionally, he represents AMP on APPA's Mutual Aid Working Group and within the National Mutual Aid network through the APPA. Prior to joining AMP he was a journeyman lineworker and safety specialist for the City of Westerville Electric Division, totaling 25 years.



**Bob Bowman**  
**Instructor/Safety Coordinator**

Bob Bowman began serving as a contractor for AMP in 2021, assisting with AMP's Lineworker Training Program and General Safety Program, and serving as one of the primary instructors for apprentice training. Prior to joining AMP, Bowman served with the City of Piqua for 31 years, most recently as Assistant Power System Director, and served as a member of the AMP Board of Trustees and AMP Mutual Aid Committee and was the AMP Mutual Aid Green Sector Coordinator. He served as an Apprenticeship Committee member for Warren County Line Training Program and taught as an electrical instructor for

the Associated Builders and Contractors apprenticeship program. He is a certified electric lineworker and has previously held a master electricians license and high pressure boilers license.



**Chad Culbert**  
**Senior Circuit Rider and General Safety Coordinator**

Chad Culbert joined AMP in 2021 as senior circuit rider and general safety coordinator. Prior to joining AMP, Culbert worked for the AMP member community of Hillsdale for 20 years. Most recently, he served as electric superintendent, where he supervised and directed the construction, maintenance and operation of the city's electrical system. Prior to that, he served as a lineworker for the Hillsdale Board of Public Utilities.



**Jim Eberly**  
**Safety/OSHA Compliance Coordinator**

Jim Eberly, a Level I Thermographer, joined AMP in 2014 as a safety/OSHA compliance coordinator for the western region. He is a state certified journeyman lineworker, worked 30 years with the City of Piqua and seven years with Power Solutions Group. Eberly has been a state licensed Master Electrician for 24 years, as well as a certified instructor for the American Builders Contractors apprenticeship program and a training consultant for Upper Valley Career Center in Piqua.



**Brandon Fields**  
**Senior Circuit Rider and General Safety Coordinator**

Brandon Fields joined AMP in 2021 as senior circuit rider and general safety coordinator. Prior to joining AMP, Fields served as a lineworker for the City of Columbus Division of Power. He is a graduate of the London Digital Academy.



**Doug Sturgeon**  
**Manager of Member Training and Safety**

Doug Sturgeon joined AMP in 2022 as manager of member training and safety. Prior to that, Sturgeon served as electric superintendent for the AMP member community of Columbiana. He has more than 20 years of experience in public power and as an electric lineworker. He holds his Independent Electric Contractors Journeyman Electrician Certificate and is certified to test electric meters.

# AMP TECHNICAL SERVICES TEAM



**Michelle Palmer**  
**Vice President of Technical Services and Compliance**

Michelle Palmer joined AMP in 1999 as a transmission and distribution engineer. She served as senior T&D engineer from 2003-2006, was promoted to director of technical services in 2006, assistant vice president of technical services in 2012 and to her current position in 2016. She is a graduate of Ohio Northern University, holds a professional engineering license in the state of Ohio, was the 2012 recipient of AMP's DNA Award, and was the 2016 recipient of the APPA Harold Kramer-John Preston Service Award. She is active with the APPA, including the E&O, Rodeo, RP3 and DEED programs.



**Jennifer Flockerzie**  
**Manager of Technical Services Logistics**

Jennifer Flockerzie provides support for the AMP Training Program, manages training registrations and coordinates various training classes. She joined AMP in 2001 from Synergetic Design, where she worked on distribution circuit layout and design for American Electric Power. Flockerzie holds an associate degree in forestry from Hocking College.



**Steven Mutchler**  
**Safety/OSHA Compliance Coordinator**

Steven Mutchler joined AMP full time in 2013, having served as a contractor since October 2012. Prior to AMP, Mutchler operated his own property maintenance business and safety consulting business, taught vocational high school for two years and worked for a safety consulting company for five years. He holds a teaching certificate in construction trades for vocational education and is a licensed safety professional.



**Darren Westenberger**  
**Safety/OSHA Compliance Coordinator**

Darren Westenberger joined AMP in 2019 as safety/OSHA compliance coordinator. Prior to joining AMP, Darren served as SH&E coordinator/building manager for Nestle Nutrition. He holds a bachelor's degree in occupational health and safety from Waldorf University, a bachelor's degree in communications from William Paterson University and a post-graduate certificate in paralegal studies from Middlesex Community College.



**Kyle Weygandt**  
**Director of Member Safety**

Kyle Weygandt joined AMP in 2006 and was promoted to his current position in 2013. Weygandt was named 2018 AMP DNA Award winner. He is a Licensed Safety Professional and Master Safety Administrator through the National Association of Safety Professionals. Weygandt has a special commission as a Peace Officer with the State of Ohio, and works at Stark State Technical College. He holds a bachelor's degree in psychology with a focus on human behavior and education.

Instructors from APPA and outside consultants will teach the classes offered through their services.



American Municipal power, Inc. (AMP) is the nonprofit wholesale power supplier and services provider for 133 members. 132 in the states of Indiana, Kentucky, Maryland, Michigan, Ohio, Pennsylvania, Virginia, West Virginia; as well as the Delaware Municipal Electric Corporation, a joint action agency in Smyrna, Delaware. Combined, these member utilities serve approximately 650,000 customers. AMP members receive their power supply from a diversified resource mix that includes wholesale power purchases through AMP and the open market and energy produced at AMP and member-owned generating facilities utilizing fossil fuel, hydroelectric, solar, wind and other renewable resources. For additional information, visit AMP's website at [www.amppartners.org](http://www.amppartners.org).

#### **Mission**

To serve Members through public power joint action, innovative solutions, robust advocacy and cost-effective management of power supply and energy services.

#### **Vision**

To be public power's trusted leader in providing Members and their customers the highest-quality, forward-looking services and solutions.

#### **Values**

**Integrity** - Be honest, fair, reliable, trustworthy and ethical.

**Member Focus** - Provide dedicated and professional support to all members in the AMP footprint.

**Partnership** - Collaborate to achieve common goals.

**Employee Engagement** - Commit to a diverse, inclusive, safe and supportive work environment.

**Stewardship** - Manage resources wisely and sustainably while striving for operational, financial and administrative excellence.

**Innovation** - Energize and inspire new and creative approaches that increase value to Members and Employees.

**Accountability** - Be responsive and communicate transparently and effectively.