



AMP TECHNICAL SERVICES
TRAINING CATALOG
2024

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“AMP’s Lineworker Training Program is an invaluable resource to our community. When I send our trainees to school, I know that they are receiving the best training possible. They return eager to share what they have learned and ready to put their newly honed skills to work. Recently, while troubleshooting a problem, a trainee mentioned that he could reach out to one of his instructors for guidance. This type of mentorship that the trainees receive is one of the reasons that this program is so important to us.”

—Dawn Myers
Electric Department General Manager
City of New Martinsville



2024 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. Register early, as AMP’s training courses tend to fill up fast.

The **AMP Member Training Center** is located at 1201 Schrock Road, Columbus, Ohio 43229 – across the parking lot from AMP Headquarters.

Register here: [2024 AMP Lineworker Training Program Registration](#)

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

WHY TRAINING?

AMP Member municipal electric systems seek high-quality training designed to improve employee performance, safety and ultimately lead to greater system reliability and customer satisfaction. The AMP Training Program is the resource they need.

Over the past 26 years, more than 1,300 lineworkers from 89 Member communities in six states have attended AMP's lineworker training series.

AMP offers apprentice lineworkers two weeks of training per level. This allows time in the classroom and field needed to grow in the trade. AMP maintains a low instructor-to-student ratio and highly qualified instructors with more than 100 years of combined experience.

Please review this brochure for descriptions and schedules of the training courses and other training opportunities offered by AMP.

AMP can 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.

Please send any other comments, questions or suggestions to Michelle Palmer, AMP vice president of technical services and compliance, at mpalmer@amppartners.org.

The AMP Training Program has been approved

as a Registered Apprenticeship Sponsor by the U.S. Department of Labor (DOL), allowing Members, regardless of state, to receive for certification through AMP's registered apprenticeship program. The program features:

- Certified classes for each of the four apprentice-level courses.
 - Emphasis on the importance of safe and proper work techniques.
 - Hands-on lessons and modules designed to enhance coursework.
- Classroom instruction from highly skilled and qualified instructors.
- Unique curriculum developed for AMP Members.
- Two weeks of training per level.
- U.S. Department of Labor registered, allowing AMP to serve as a group sponsor.
- Competitively priced courses for AMP Members.

Workbooks that accompany the apprentice-level classes can be purchased through AMP or directly from Northwest Lineman College (NLC). Proof of workbook purchase is needed if purchased directly from NLC.

Learn more about AMP's DOL certification [here](#) and submit questions [here](#).

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 flockerzie@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 utility pole will be taught during the Lineworker Training Basic 1 course. Created for first-year apprentices, this course consists of two weeklong classes during non-consecutive weeks. The class places a strong emphasis on safety, 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 bookwork and hands-on training covering the basic skills needed for entry-level line work.

Prerequisite:

- Agreement for Participation in Safety & Training Programs.
- Proof of workbook purchase.

Date: Sept. 9–12 and Sept. 23–26
Location: AMP Member Training Center
Class length: Two non-consecutive weeks
Class size: Limited to 30
Cost: \$2,880 Course
 \$755 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. 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, conductors, substations, live-lines, and equipment and transformer basics. This course is offered twice, with class A and B consisting of the same coursework.

Prerequisite:

- Agreement for Participation in Safety & Training Programs.
- Basic 1 completed; unless instructor approves.
- Enrolled in Northwest Lineman College program, preferably in the class level coinciding with their book year.
- Proof of workbook purchase.

Date: Class A) July 15–18 and Aug. 12–15
 Class B) July 29–Aug. 1 and Aug. 26–29
Location: AMP Member Training Center
Class length: Two non-consecutive weeks
Class size: Limited to 30
Cost: \$2,880 Course
 \$755 Northwest Lineman College module



“We like the AMP Lineworker Training Program because it is a combination of classroom and hands-on teaching that challenges and reaches all the different learning styles. It is staffed by experienced journeyman instructors.

Our guys are taught the right way, the safe way, the best way. Training is important because it makes you think through and plan for scenarios before they challenge you in the dark, during a storm, with people out of power.”

—Jeff McHugh
Electric Superintendent
City of Painesville

Lineworker Training Intermediate

Move one step closer to journeyman status with the Lineworker Training Intermediate course. This course consists of two weeklong classes on non-consecutive weeks and places a strong emphasis on safety and incorporates bookwork 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 completed; unless instructor approves.
- Enrolled in Northwest Lineman College program, preferably in the class level coinciding with their book year.
- Proof of workbook purchase

Date: June 3–6 and June 24–27
Location: AMP Member Training Center
Class length: Two non-consecutive weeks
Class size: Limited to 30
Cost: \$2,880 Course
 \$755 Northwest Lineman College module

Lineworker Training Advanced

Experienced lineworkers or fourth-year apprentices can enhance their skills in the Lineworker Training Advanced course. 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 knowledge of trouble investigation, underground cable terminating, secondary fault locating, crew leadership, communications and automation.

Prerequisite:

- Agreement for Participation in Safety & Training Programs.
- Intermediate completed; unless instructor approves.
- Enrolled in Northwest Lineman College program preferably in the class level coinciding with their book year.
- Proof of workbook purchase

Date: March 25–28 and May 13–16
Location: AMP Member Training Center
Class length: Two non-consecutive weeks
Size: Limited to 30
Cost: \$2,880 Course
 \$755 Northwest Lineman College module

REGIONAL TRAINING

URD Distribution Troubleshooting

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

Date: Planning underway

Location: TBD

Equipotential Grounding Applications

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

Date: Planning underway

Location: TBD



Leadership Training

AMP developed a leadership training program to target utility personnel who are looking to move into a leadership position or are new to a leadership role. Sessions cover management principles, communication, planning, budgeting, as well as a variety of other topics.

Session 4: Compliance and Leadership

Date: February 13-14, 2024

Session 5: Public Speaking and Navigating Government

Date: March 12-13, 2024



“The City of Wadsworth and AMP have a rich history of working together. AMP has assembled a very skilled and knowledgeable team to assist with the success of the next generation of lineworkers. With their summer lineworker schooling, plus the monthly and quarterly meetings, our employees are getting top-level training, which is imperative for proper growth. We, as organizations, must continually train our workers in this ever-changing and evolving industry.”



–Tim Parrish
City of Wadsworth
Superintendent of Electric

ADDITIONAL OPPORTUNITIES

APPA Lineworkers Rodeo

Visit the APPA website at www.publicpower.org for more information.

Date: April 5–7
Location: Lafayette, Louisiana

APPA Engineering and Operations Conference

Visit the APPA website at www.publicpower.org for more information.

Date: April 7–11
Location: New Orleans, Louisiana

AMP Technical Services Conference

Designed for electric utility managers, village administrators, engineers, lineworkers and technical staff, AMP’s Annual Technical Services Conference, April 23–24, promotes and contributes to the objective of operational safety and reliable system services. Training sessions and conference presentations address issues of safety and service reliability through system efficiency. The conference also features a Vendor Expo for attendees to see the latest in industry products and services.

Date: April 23–24
Location: Quest Conference Center
 Westerville, Ohio
Cost: TBD

2024 AMP Annual Conference

The AMP Annual Conference features sessions on 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 and covers topics relevant to operations and maintenance.

Date: Sept. 29–Oct. 2
Location: Hilton Columbus Downtown
Cost: Ranging from \$100-\$450



“Training ensures our lineworkers are ready for the challenges of our ever-changing industry. AMP’s experienced staff supplies training at an affordable cost that allows our lineworkers to meet those challenges.”

–Cory Lachner
 Electric Superintendent
 Clyde Light and Power

OTHER COURSES

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

Underground Distribution Troubleshooting

This course presents a power outage scenario involving a faulted padmount transformer. Participants will practice proper isolation, voltage testing and grounding procedures to safely replace the transformer and return it to service.

New Lineworker Practices

This course demonstrates and discusses proper cover-up techniques, use of voltage indicators and phasing sticks, grounding techniques on overhead construction and the proper installation of insulated jumpers/macks and load/pickup macks.

Advanced Transformers

This course is a refresher for journeyman or a learning opportunity for experienced apprentices, and is focused on advanced transformer theory and the review of transformer connections. The course is designed to provide an in-depth knowledge of transformer sizing, fuse sizing and three-phase transformer banking.

Class length: Two days
Cost: \$575
Participant size: Minimum of 12 required

Substations 101

Substations are the backbone of the electric distribution system and this course will focus on operation, equipment, switching, inspections, fencing, security, clearances and safety in substation operations. The class is designed for an entry-level substation technician, apprentice and journeyman lineworker, and anyone directly involved in substation operations.

Class length: Two days
Cost: \$575
Participant size: Minimum of 12 required

Journeyman Refresher – Transformer

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 and grounding. Coursework will include a mix of classroom and hands-on training.

Class length: One day
Participant size: Minimum of 10 required

Groundworker Training

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

Class length: One day
Cost: \$200

For more information, please contact Jennifer Flockerzie at 614.540.0853 or jflockerzie@amppartners.org.

To request a specific training topic, please contact Scott McKenzie at 614.540.6386 or smckenzie@amppartners.org.

SCHEDULE AT A GLANCE

WINTER/SPRING 2024

Leadership Class Session 4

Feb. 13–14

Leadership Class Session 5

March 12–13

Lineworker Training Advanced

March 25–28

APPA Lineworkers Rodeo

April 5–7

APPA Engineering and Operations
Conference

April 7–11

AMP Technical Services Conference

April 23–24

Lineworker Training Advanced

May 13–16

Lineworker Training Intermediate

June 3–6

SUMMER 2024

Lineworker Training Intermediate

June 24–27

Lineworker Training Basic 2 (Class A)

July 15–18

Lineworker Training Basic 2 (Class B)

July 29–Aug. 1

Lineworker Training Basic 2 (Class A)

Aug. 12–15

Lineworker Training Basic 2 (Class B)

Aug. 26–29

Lineworker Training Basic 1

Sept. 9–12

Lineworker Training Basic 1

Sept. 23–26

AMP Annual Conference

Sept. 29–Oct. 2

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AMP’s lineworker training is beneficial for our lineworkers here in Wapakoneta. I think it is a good mixture of hands-on experience and technical training.”

–Levi Cecil
Electric Department Superintendent
City Of Wapakoneta



AMP LINEWORKER TRAINERS



Scott McKenzie
Senior Director of Member Training and Safety

Scott McKenzie joined AMP in 2013 as a member safety manager, was promoted to director of member training and safety in 2018 and was named senior director of member training and safety in 2022. McKenzie is a certified safety trainer and OSHA authorized outreach trainer, State Certified Journey Lineworker and is a member of the APPA Safety Manual Revision Task Force. He is the current Safety Chairman of the upcoming 2024 APPA Engineering & Operations Conference and represents AMP on APPA's Mutual Aid Committee and within the

National Mutual Aid network as a statewide coordinator. 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 electrician's 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
Manager of Member Training and Safety

Jim Eberly, a Level I Thermographer, joined AMP in 2014 as a safety/OSHA compliance coordinator for the western region and was promoted to his current position in 2023. 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.



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.

In addition to AMP's trainers, instructors from APPA and outside consultants teach the classes offered through their services.



American Municipal power, Inc. (AMP) is the nonprofit wholesale power supplier and services provider for 132 members. 131 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.

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.