Training can help ...

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 Catalog is the resource they need.

Over the past 21 years, more than 930 workers from 86 member communities in six states have attended AMP’s popular lineworker training series. Based on member feedback, AMP expanded its offerings to meet a growing need among AMP members to develop the skills of their workforce through additional technically oriented hands-on training emphasizing safe practices.

AMP’s 2019 Training Catalog features:

- Competitively priced courses on a variety of utility operations subjects, including courses presented by outside speakers and the American Public Power Association (APPA).
- A curriculum developed with AMP members in mind. Classes offered have been requested by members and additional classes can/will be added as needed.
- Classroom and real-world, hands-on instruction from highly-skilled and qualified instructors who put safety and best practices at the forefront of everything they teach.

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

AMP will also assist members interested in arranging local or regional sessions. For more information, please contact Jennifer Flockerzie, AMP’s technical services program coordinator, at 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.

AMP’s Training Advisory Committee (chaired by Ed Krieger of Piqua Power System) is actively seeking feedback. Please pass along any comments or suggestions to Michelle Palmer, AMP vice president of technical services, at mpalmer@amppartners.org.
**Regulator Training**
A one-day refresher course to review regulator theory and troubleshooting. This class will provide guidance from a non-manufacturer specific standpoint. Electric utility managers, lineworkers and substation technicians are encouraged to attend.

Date: Feb. 12  
Location: AMP Headquarters – Columbus  
Cost: $250

**Best Practices in Overhead Distribution Line Design**
This seminar is applications-oriented, including both classroom lecture and hands-on training. Participants will perform a number of line design and telecommunications joint-use issues using provided engineering software. This class has value for those who work at all levels of overhead distribution line design and would be beneficial to engineering managers, design engineers, design/staking technicians and supervisors, and consulting engineers.

Date: March 4–7  
Location: The Pavilion 2085 Front St., Cuyahoga Falls  
Class Length: Four full days  
Cost: TBD

**AMP Underground Distribution Workshop**
With the demand for underground distribution growing, AMP’s Underground Distribution Workshop is designed to help keep participants up-to-date on underground networks and new technology. Underground installation techniques are the focus of this course, which offers both outdoor hands-on and in-class training. The course will provide participants with information on underground equipment, including splicing, terminations, switching, general mapping, tagging principles and cable installation. Geared to operations staff, the course is an expansion of the lineworker series and is designed for existing lineworkers or fourth-year apprentices.

Date: March 18–20  
Location: AMP Headquarters – Columbus  
Class length: One half-day and two full-day classes  
Size: Total minimum attendance required is 10  
Cost: $1,250

“You may think training is repetitious, but the more repetitious it is, the more it becomes second nature. I feel it is important to send staff and myself so we can get the most out of the training that AMP supplies – especially the regional trainings. I would hope that all municipalities take advantage of these opportunities. It is time well spent.”

—Bill George  
Electric Superintendent  
City of Newton Falls
**APPA Engineering and Operations Conference/Rodeo**
Visit the APPA website at www.publicpower.org for more information.

Date: March 29–April 3  
Location: Colorado Springs, Colo.

**AMP Technical Services Conference**
Designed for electric utility managers, village administrators, engineers, lineworkers and technical staff, AMP’s annual Technical Services Conference 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.

Date: April 23–24  
Location: Quest Conference Center, 8405 Pulsar Place – Columbus  
Cost: $175 for the one and a half day program

**Climbing Proficiency Class**
Whether you are an experienced lineworker or an apprentice, when was the last time you practiced climbing? Spend two days at AMP Headquarters refreshing your climbing skills. Class will cover proper climbing techniques, transitioning over equipment and proper tool inspections, while using the latest wood pole fall protection equipment.

Date: April 30–May 1  
Location: AMP Headquarters – Columbus  
Class length: Two full days  
Size: 6–12  
Cost: $400

**Customer Relations for Utility Personnel**
As a public power utility, your organization needs the support and goodwill of the customers you serve. This class is designed for customer service managers, supervisors and representatives, and focuses on developing a culture of excellence in customer service among public power utility employees. Senior managers with cross-departmental responsibilities, governing board representatives and senior officials may also benefit from attending.

Date: May 7  
Location: AMP Headquarters – Columbus  
Class length: One full-day class  
Size: Total minimum attendance required is 20  
Cost: $400
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 weeklong class provides an introduction and practice to climbing skills, as well as basic electrical theory, applied mathematics, first aid, safety, 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: Completion of Groundworker preferred
Date: May 13–17
Location: AMP Headquarters – Columbus
Class length: Weeklong
Size: Limited to 16
Cost: $1,075

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 weeklong course builds on the skills learned in Basic 1 through book work and hands-on training. Topics include:
- Enhanced climbing skills;
- Installation of equipment (crossarms); and
- Underground and overhead conductors, substations, live-line equipment and further explanation of transformer basics.

Prerequisite: Basic 1 is required unless instructor approves
Date: June 3–7
Location: AMP Headquarters – Columbus
Class length: Weeklong
Size: Limited to 16
Cost: $1,075

Lineworker Training Intermediate
Move one step closer to journeyman status with the Lineworker Training Intermediate course. The third class in AMP’s Lineworker series, the program 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, transformers, system protection and national standards.

Prerequisite: Basic 2 is required unless instructor approves
Date: June 17–21
Location: AMP Headquarters – Columbus
Class length: Weeklong
Size: Limited to 12
Cost: $1,075

“Training and understanding are critical in the electrical transmission and distribution business. From groundmen to electrical engineers, technology, material and design change almost daily. We are a small municipal that would not have the opportunities given to us if we weren’t an AMP member.”
–Clark Kinman
Superintendent of Electric
City of Williamstown
**AMP Lineworkers Rodeo**
Journeyman and apprentice lineworkers will compete for professional recognition at the AMP Lineworkers Rodeo. The rodeo is a safe environment for lineworkers to showcase their talents, and see how their skills and knowledge stack up within the lineworker community. AMP members seeking sponsorship for the national APPA Rodeo are required to participate in the AMP Rodeo.

**Date:** Aug. 23–24  
**Location:** AMP Headquarters – Columbus

**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 course in AMP’s Lineworker series, the class 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, crew leadership, communications and automation.

**Prerequisite:** Completion of Intermediate is required unless instructor approves  
**Date:** Sept. 9–13  
**Location:** AMP Headquarters – Columbus  
**Class length:** Weeklong  
**Size:** Limited to 12  
**Cost:** $1,075

**AMP/OMEA Conference**
The AMP/OMEA Annual Conference boasts sessions on a variety of power supply, finance, technology and regulatory topics important to the effective management of public electric utility 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. 23–25  
**Location:** Hilton Easton – Columbus  
**Cost:** Ranging from $80-$380
Hotline Training

Designed to provide an in-depth understanding of proper work techniques for line construction from the bucket, AMP’s Hotline Training course will focus on the skills and knowledge required for bucket truck work. Similar to AMP’s climbing class, the course is entirely hands-on and performed in the bucket. Geared to operations staff, the course is an expansion of the lineworker series. Harness required.

Prerequisite: Participants must have completed first- and second-year apprentice training

Date: Oct. 7–10
Location: AMP Headquarters – Columbus
Class length: Three full-day classes
Size: Total minimum attendance required is 8
Cost: $1,500

Advanced Transformer Workshop

A journeyman refresher course or learning opportunity for experienced apprentices, the Advanced Transformer Workshop 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.

Date: Oct. 22–23
Location: AMP Headquarters – Columbus
Class length: Two full-day classes
Size: Total minimum attendance required is 15
Cost: $500
Other Courses

Regional Safety Meetings
Help take danger out of the equation with AMP’s regional safety meetings. Held throughout the year, the meetings cover a variety of relevant safety topics for municipal electric systems.

Date: Held quarterly with dates to be determined
Location: TBD

Advanced Transformer Workshop
A journeyman refresher course or learning opportunity for experienced apprentices, the Advanced Transformer Workshop 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: One day
Size: Total minimum attendance required is 15
Cost: $200

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 groundmen.

Class length: One day
Cost: $150

Regulator, Recloser, Capacitor Safety
Operational knowledge of electrical components is essential to lineworker safety, as well as performance. This one-day class is designed to help lineworkers raise their level of safety as they learn the proper operation of regulators, reclosers and capacitors. Geared to apprentice or journeymen, this class will also look at the various types of equipment available and cover equipment sizing.

Class length: One day
Size: Total minimum attendance required is 12
Cost: $250

Substations 101
Substations are the backbone of the electric distribution system and this two-day course will focus on the operation, equipment, switching, inspections, fencing and security, clearances and safety in substation operations. The class is designed for the entry level substation technician, apprentice and journeyman lineworkers, and anyone directly involved in any type of substation operations.

Class length: Two days
Size: Total minimum attendance required is 20
Cost: $500

Customized training is available upon member request. For more information, please contact Jennifer Flockerzie at 614.540.0853 or jflockerzie@amppartners.org.
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<td><strong>JANUARY 2019</strong></td>
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| **March 4-7**  
Best Practices in Overhead Line Design |
| **March 18-20**  
Underground Distribution Workshop |
| **MARCH 2019** |
| **APRIL 2019** |
| **March 29- April 3**  
APPA Engineering and Operations Technical Conference |
| **April 23-24**  
AMP Technical Services Conference |
| **April 30 - May 1**  
Climbing Proficiency Class |
| **MAY 2019** |
| **May 7**  
Customer Relations for Utility Personnel |
| **May 13-17**  
Lineworker Training Basic 1 |
| **JUNE 2019** |
| **June 3-7**  
Lineworker Training Basic 2 |
| **June 17-21**  
Lineworker Training Intermediate |
| **JULY 2019** |
| No courses scheduled as of the printing of this booklet. |
| **AUGUST 2019** |
| **Aug. 23-24**  
AMP Lineworkers Rodeo |
| **SEPTEMBER 2019** |
| **Sept. 9-13**  
Lineworker Training Advanced |
| **Sept. 23-26**  
AMP/OMEA Conference |
| **OCTOBER 2019** |
| **Oct. 7-10**  
Hotline Training |
| **Oct. 22-23**  
Advanced Transformer Workshop |
| **NOVEMBER 2019** |
| No courses scheduled as of the printing of this booklet. |
Jennifer Flockerzie  
**Technical Services Program Coordinator**  
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.

Scott McKenzie  
**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 lineman and safety specialist for the City of Westerville Electric Division, totaling 25 years.

Cody Crose  
**Member Training and Safety Manager**  
Cody Crose provides safety training and assists with technical training for AMP membership and oversees the Circuit Rider Program. Crose, a Level 1 Thermographer, joined AMP in 2015 as circuit rider, bringing eight years of experience to the position. He was previously a journeyman lineman with the City of Westerville Electric Division. Crose has previously served as a volunteer firefighter and paramedic for Mifflin, Ohio. He continues to assist with the AMP Training Program, the AMP Lineworkers Rodeo and the AMP Mutual Aid Program.

Jim Eberly  
**OSHA/Safety 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 lineman, worked 30 years with the City of Piqua and seven years with Power Solutions Group. Eberly has been a state licensed Master Electrician for 23 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.

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Kyle Weygandt  
**Director of Member Safety**  
Kyle Weygandt joined AMP in 2006 and was promoted to his current position in 2013. Wyegandt 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 135 member municipal electric systems in Ohio, Pennsylvania, Michigan, Virginia, Kentucky, West Virginia, Indiana and Maryland, as well as the Delaware Municipal Electric Corporation, a joint action agency with nine members headquartered in Smyrna, Delaware. Combined, these member utilities serve more than 650,000 customers.

Headquartered in Columbus, Ohio, the organization provides a variety of services for its members, including power supply planning, engineering, financial, environmental, generation, legal and other support services. AMP members receive their power supply from a diversified resource mix that includes wholesale power purchases through AMP and on the open market, and energy produced from a variety of generation assets utilizing hydro, wind, solar, landfill gas, natural gas and other fossil fuels.