Accreditation

Training for apprentice lineworkers through MPUA provides both entry level and experienced utility employees the skills needed to obtain U.S. Department of Labor certification as a Power Journeyman Lineman or Underground Electrical System Specialist.

Tuition & Costs

The Apprentice Program yearly tuition is $2,650 for first year students and $2,500 for second, third and fourth year students. These costs include the required training program workbook, the APPA Safety Manual, the Lineman and Cableman’s Handbook, the Distribution Transformer Handbook and two hands-on training workshops.

Record keeping and administrative support is also included.

Contacts

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or

Mark Mustain
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For administrative assistance, contact Cathy Susa: csusa@mpua.org.

Instructors

Mike Conyers, Director of Lineworker Safety and Training, brings over 30 years of experience to the MPUA Apprentice Lineworker Program. He is a graduate of the Northwest Iowa Technical College Powerline Installation Program and has credentials in Pole Top and Bucket Rescue.

Mark Mustain, Apprentice Trainer, has over 21 years of experience in the electric distribution field. He completed a four year apprentice program through Merchant’s Powerline Job Training and Safety Program and has an Associate in Science degree from the University of Central Missouri.

About MPUA

MPUA is a not-for-profit service organization that represents municipally-owned electric, natural gas, water, wastewater and broadband utilities working together for the benefit of their customers. The Alliance includes three closely aligned, yet distinct organizations. The Missouri Association of Municipal Utilities (MAMU), the Missouri Joint Municipal Electric Utility Commission (MJMEUC) and the Municipal Gas Commission of Missouri (MGCM). The Apprentice Lineworker Program is provided through MJMEUC.
MPUA's Apprentice Lineworker Training Program is a training curriculum which provides entry-level (apprentice) electric employees with the knowledge they need to perform their jobs safely and efficiently. It is designed to meet the municipal challenges of attracting and maintaining high-demand, experienced electric lineworkers.

MPUA has developed a course of study designed to cultivate and develop prospects from within their own communities into a highly skilled, technical staff that can keep power local.

**On-the-Job Training**

The curriculum combines classroom instruction and hands-on training with applied on-the-job training and in-depth modules on:

- Overhead and underground systems
- Safety
- Pole climbing, installing, and mounting
- Conductors, transformers, and substations
- Equipment operation
- Personal protective equipment
- Immersion skills training workshops

The program also includes monthly on-site visits and testing, on-the-job hour record keeping, and administration of the U.S. Department of Labor apprentice paperwork.

**Curriculum Overview**

**Hands-On Training**

MPUA has enhanced the hands-on skills that apprentices receive in the Apprentice Lineworker Training Program to include immersion skills workshops at the National Utility Industry Training Fund facilities in Kansas City. Training for first and second year apprentices covers:

- Bucket Truck & Digger Truck, including Bucket Truck Rescue
- 3-day Climbing School, including certified Pole Top Rescue Training
- Rubber Gloving
- Single Phase Transformer

Subsequent third and fourth year apprentice training covers:

- CT/PT Metering & Advanced Grounding
- Terminating & Splicing
- 3-Phase Transformer Banking
- Transformer Troubleshooting

These workshops are mandatory in order to complete the four-year Apprentice Program.

**Advanced Journeyman Lineworker Program**

Additional training is provided for the advanced Journeyman Lineworker. Classes include: Advanced Transformer Theory & Connections, Electric Meter Safety, Terminating & Splicing, Personal Protective Grounding & Rubber Protective Equipment to name a few. From year to year, the MPUA Lineworker Advisory Committee has recommended refresher courses for the Journeyman Lineworker.