



Minnesota Municipal Utilities Association

# 2023 Cross Training School

October 10–12, 2023



## Who Should Attend?

Cross Training is intended for the non-lineworker employee who may, at times, be called into service to work alongside a qualified lineworker (i.e. during an outage or other emergency). Regardless of the lay employee's role, it is crucial that they be sufficiently trained.

Cross Training provides fundamental "basic training" for utility personnel. Participants can increase their knowledge of lineworker tools/equipment, broaden their understanding of electricity and the hazards, and increase confidence in their ability to assist.

**MMUA Training Center, Marshall, MN**

# 2023 Cross Training School—at a glance

## Program topics

All topics are taught at a basic level and may include:

- Introduction to powerline training
- Personal and job safety
- Basic electrical theory
- Overhead and underground construction
- Grounding, rope, rigging
- Meters and meter safety
- Distribution transformers and Equipment
- Troubleshooting primary and secondary
- Basic chainsaw safety
- Generator backfeed precautions
- Bucket truck operation



## About the instructors

Cody Raveling and Jay Reading of MMUA will lead the instruction. Safety and best practices will be incorporated into the hands-on training, which simulates commonly experienced situations. Additionally, every effort will be made to ensure this program is applicable to the diverse group of participants, so each leaves with a solid foundation to build upon.

## Certificate of achievement

Attendees earn a certificate of achievement for their participation. Watch for an email notification upon completion of the course.

## What do I need to bring?

Cross Training School takes place indoors and outdoors. Please bring appropriate attire, including:

- High visibility vest
- Work boots
- Hard hat
- Safety glasses
- Leather work gloves
- Notebook and pen/pencil

## Hotel information

The AmericInn and EverSpring Inn in Marshall offer special pricing for participants. Please ask for MMUA's reduced rate when making your reservation. Visit [MMUA's website](#) for more information.

## Schedule

### Tuesday, October 10

- 12:00–1:00 Registration
- 1:00 Opening remarks
- 1:15–4:00 Hazard recognition

### Wednesday, October 11

- 8:30–10:00 Safety in overhead and underground lines
- 10:15–11:00 How electricity is made; how it works
- 11:00–12:00 Transformers: how they work, underground, overhead lines, meters
- 12:00–1:00 Lunch served at Training Center
- 1:00–2:30 Bucket truck operation
- 2:45–4:00 Elbows, terminations, splices

### Thursday, October 12

- 8:30–10:00 Locate/isolate faults on URD lines
- 10:15–12:00 Loop and radial feeds

Schedule subject to change without notice.

## Registration information

Registration fee includes school tuition, materials, Wednesday, refreshment breaks, and a certificate of attendance.

- Member - \$535 per person
- Non-member - \$690 per person

Registration fees increase \$50 on August September 15, 2023.

MMUA will issue a refund (less \$35 processing fee per person) provided MMUA is notified of the cancellation by 4:30 pm on September 25, 2023.

**To register, visit [mmua.org/event/cross-training-2023](https://mmua.org/event/cross-training-2023). The registration deadline is September 25, 2023.**