

Overhead School

September 9–12, 2025



**MMUA Training Center
1004 Michigan Rd, Marshall, MN**

2025 Overhead School program details

Lineworkers of all experience levels can further develop their skills by working through a variety of activities.

Participants will rotate through the following four hands-on training sessions:

House services—this session will cover everything that deals with new service installations. Participants will learn how to properly size the service and transformer to be installed as well as methods used in hooking up these services. Participants will have the opportunity to climb and hook these services up.

Wire stringing—participants will learn the techniques involved in stringing overhead wire. The use of stringing blocks and a puller will be utilized. Following the pulling of the wire, participants will be taught how to properly set the wire tension. This session will be conducted on new construction. Awareness of the hazards involved and how to properly control those hazards is essential to completing the task safely. Proper procedures will be discussed and followed throughout the session.

Reconstructing a double circuit—this more advanced session will cover the process of reconstructing a double circuit. Participants will work on a simulated energized double circuit to replace the narrow construction build with a crossarm. Proper cover up, rigging, and all other safe work procedures will be covered to complete the task.

Capacitor bank and maintenance—power factor correction and passive harmonic filtering equipment on an electrical system need to be properly designed and maintained. This session will cover the essential facts about capacitor banks—from the definition of a capacitor to the result of placing one in service. Participants will learn about the dangers associated with capacitor banks, proper fusing, proper testing, and safety precautions.

Registration information

Member: \$555 per person

Non-member: \$835 per person

Registration fee includes school tuition, materials, Tuesday reception, Wednesday and Thursday lunch, refreshment breaks, and certificate of attendance. MMUA will issue a refund (less \$50 processing fee per person) provided MMUA is notified of the cancellation by 4:30 pm on August 9.

Visit mmua.org/events to register. Register by August 4 for best rate. Registration fees increase \$50 after that date. Advanced registration ends August 14.

Agenda

Tuesday, September 9

1:00	Registration/check-in
2:00	General session
4:00	Wrap-up
5:00	Reception and Rodeo awards presentation

Wednesday, September 10

8:30	Hands-on training
12:00	Lunch
12:30	Hands-on training
4:00	Wrap-up
5:00	Optional evening activities: Archery, sporting clay shoot or golf (at participants expense)

Thursday, September 11

8:30	Hands-on training
12:00	Lunch
12:30	Hands-on training
4:00	Wrap-up

Friday, September 12

8:30	General session
12:00	Wrap-up

General session topics:

Fuse coordination—participants will increase their understanding of the process of selecting and arranging overcurrent protective devices in an electrical system.

Department of Transportation regulations—this session will cover current best practices for load securement and detail multiple scenarios and real-life investigations of improperly loaded equipment.

What to bring

Please bring appropriate attire and materials, including:

- High-visibility clothing/outerwear
- Hard hat
- Harness
- Safety glasses
- Work gloves
- Rubber gloves
- Safety footwear
- Fall restraint (required for climbing, regardless of experience)