

# Meter School and Pre-Conference

**February 6–9, 2024**



**MMUA Training Center  
Marshall, MN**

# Meter School 2024—at a glance

## Meter School overview

Meter School features two course options: basic/intermediate and advanced. Each course offers a combination of classroom and hands-on exercises where participants will work at the metering stations with direct instructor oversight and feedback.

### Basic/intermediate track

The basic/intermediate track is aimed at personnel with little experience with electric meters. Instruction builds on the pre-conference, and will include hands-on training.

basic/intermediate class will cover topics including:

- Why we have electric meters
- Single phase meters and meter forms
- Current transformers and voltage transformers
- Personal protective equipment
- Electric meter safety
- Tools needed for working with electric meters
- Mounting electric meter sockets
- Single phase socket wiring
- Troubleshooting electric installations
- Theft of electric power

### Advanced track

The advanced track is intended for those who have working knowledge of meters/metering. The course combines in-depth instruction with practical hands-on exercises that simulate scenarios that could occur at any utility. Working in small groups, the advanced track will focus on troubleshooting a variety of challenging metering setups, then applying load to determine if correctly configured.



## About the Pre-Conference

### ***Basic single-phase transformer connections and theory***

The pre-conference is designed to outline the basics of metering as a foundation for the Meter School basic/intermediate track.

The pre-conference will cover important topics such as:

- Definitions of common abbreviations
- Blondel's Theorem
- Common metering formulas
- Self-contained metering and troubleshooting

# Program details

## Schedule

### Pre-Conference

#### Tuesday, February 6

12:00-1:00 Registration

1:00-4:00 Classroom instruction

#### Wednesday, February 7

8:30-11:30 Hands-on instruction

12:00-1:00 Lunch served at Training Center

### Meter School

#### Wednesday, February 7

12:00-1:00 Registration

1:00-4:00 Classroom instruction

#### Thursday, February 8

8:30-12:00 Classroom and hands-on training

12:00-1:00 Lunch served at Training Center

1:00-4:00 Classroom and hands-on training

#### Friday, February 9

8:30-12:00 Classroom and hands-on training

Schedule subject to change without notice.

## Certificate of achievement

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

## Hotel information

The AmericInn and EverSpring Inn in Marshall offer special pricing for participants based on availability. Please ask for MMUA's reduced rate when making your reservation.

Visit [MMUA's website](#) to register.



## About the instructor

**Larry Chapman** is highly qualified and highly respected, having worked in the metering field his entire career. Larry and others from Chapman Metering have been long-term instructors at the Meter School.

## What do I need to bring?

Please bring appropriate attire and materials, including:

- Arc flash shield and hard hat
- Hand tools for meter installation and wiring
- Safety glasses
- Secondary rubber gloves
- Fire-resistant clothing
- Volt/amp meter
- Calculator
- Notebook and pen/pencil

## Registration information

### Pre-Conference

- Member—\$275 per person

- **Transformer School**

- Member—\$779 per person

Registration fee includes school tuition, materials, refreshment breaks, and a certificate of attendance. Registration fees increase \$50 on January 5, 2024.

**Register by January 5, 2024 for best rate.** The registration deadline is January 15, 2024—no refunds after that date.