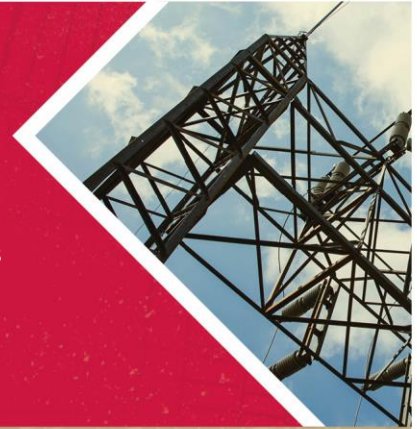


# BASIC ELECTRIC METER SCHOOL

The focus of this course is to provide training in the **basic** principles and safe operations involved in electric kilowatt-hour meters. Hands-on experience will be provided with energized electric power meters.



## COURSE OUTLINE

- Brief Meter History
- Meter Safety
- Meter Theory
- Meter Nameplate Information
- Basic Math and Calculations
- Meter Definitions and Construction (hands on assembly and disassembly)
- Instrument Transformers
- Meter Multipliers
- Volt-Meter Principles and Applications
- Demand Meter Concepts
- How to Read Meters
- Meter Load Calculations
- Customer Relations
- Meter Applications (single- and 3-phase)
- Connecting and Disconnecting Meters
- Removing and Setting Meters

## STUDENT REQUIREMENTS

Students are required to bring the following:

- **Required PPE** (hard hat, work gloves, rubber gloves and protectors, **ANSI Z87** safety glasses, work boots)
- Long-Sleeved Shirts
- City/Town Uniform
- APPA Safety Manual 16th Edition\*

\* To purchase, contact Jill LaBorde at: 919-760-6301 or [jlaborde@electricities.org](mailto:jlaborde@electricities.org)

## PREREQUISITES

None

## CANCELLATION POLICY

If a course is cancelled by Electricities, all registrants will be notified with a full registration fee refund.

**Participant Cancellation and No Shows:** A non-refundable registration fee will be charged for cancellations after the **registration deadline of March 23, 2021.**

## COURSE DATES

**April 6 – 8, 2021**

Registration deadline is March 23, 2021

## PRICE

**Members:** \$499

**Associate members:** \$799

**Non-Members:** \$1349

Price includes workbook, snacks and lunch on Tuesday and Wednesday. Class Size is limited to 18

## TIMES

Tuesday: 9:00 a.m.– 5:00 p.m.

Wednesday: 8:00 a.m.– 5:00 p.m.

Thursday: 8:00 a.m.– 12:00 p.m.

## LOCATION

**Paul Joseph MD Library and Education Center**

113 West Main Street

Maiden, NC 28650

## HOTEL

**Hampton Inn**

1956 13<sup>th</sup> Avenue Drive SE

Hickory, NC 28602

(828) 624-2000

Ask for the Electricities rate. \$119.00 per night plus tax