



METERING

WITH THE PQM AND EPM SERIES METERS

TRNG-METER



WHAT WILL I LEARN FROM THIS COURSE?

This course begins with an overview of the standard applications where Power System metering is used, followed by a demonstration of how to apply the entire line of metering devices available in the GE Multilin family. Through a combination of lectures and practical Lab exercises, the class will learn how to correctly configure the PQMII, EPM1000, EPM4000, EPM5000, EPM6000 and EPM9000 series of meters.

WHO SHOULD ATTEND?

Plant electrical maintenance, engineering personnel and system integrators who wish to gain a better understanding of how to install, test and maintain the meters listed in this course.

PREREQUISITES

- Basic understanding of electrical circuits

TUITION

\$1,200 US*

COURSE DURATION

2 Days

CEU CREDITS OFFERED

1.4 Credits

AGENDA

This class includes fully equipped Hands-On Lab exercises.

Day 1

Introduction

- Overview of the major components in a power system
- Basic power theory
- Standard metering applications
 - Power Quality metering
 - Basic metering
 - Sub metering

EPM 1000/4000

- Hardware overview
- Specification
- Mechanical installation and wiring
- Setup Software
- Settings configuration
- Monitoring functions
- Communications
 - Power Line Communications
 - RS485 Modbus

EMP5000 Series

- Hardware overview
- Specification
- Mechanical installation and wiring
- Setup Software
- Settings configuration
- Monitoring functions
- Communications
 - RS485 Modbus
 - Ethernet
 - DNP3.0

Day 2

EPM6000 Series

- Hardware overview
- Specification
- Mechanical installation and wiring
- Setup Software
- Settings configuration
- Monitoring functions
- Communications
 - RS485 Modbus
 - IRDA Wireless communications

EPM9000 Series

- Hardware overview
- Specification
- Mechanical installation and wiring
- Setup Software
- Settings configuration
- Event Record, Waveform Capture, Data Logging
- Alarming/Control
- Monitoring functions
- Power Quality
- Data Communications
- Web Server
- LCD Touch-screen installation and configuration
- HMI Configuration and Monitoring

PQM II

- Hardware overview
- Specification
- Mechanical installation and wiring
- EnerVista PQM Setup Software
- Settings configuration
- Event Record, Waveform Capture, Data Logging
- Alarming/Control
- Monitoring functions
- Power Quality
- Data Communications



GE Multilin

* Tuition shown is for scheduled courses. Contact us for custom and on-site pricing.