



SR750/760

SR FEEDER MANAGEMENT RELAYS

TRNG-750

Interactive Learning CD Available
See Page 53



WHAT WILL I LEARN FROM THIS COURSE?

The SR750/760 Feeder Management Relay course provides a thorough understanding of the installation, configuration and maintenance of the SR750 and SR760 Feeder Management Relays. Class Lab assignments will allow the student to test the operation of common feeder protective elements through simulation software. Diagnostic tools such as Waveform Capture, Event Log and the Keypad will be used to troubleshoot simulated faults to gain familiarity with their operation while validating correct settings and relay operation.

PREREQUISITES

- Basic understanding of electrical circuits
- The SR750 Transformer Protection Interactive Learning CD would be an asset

WHO SHOULD ATTEND?

Plant electrical maintenance personnel who are responsible for the installation, testing and maintenance of GE Multilin SR750/SR760 Relays will benefit most from this course.

COURSE DURATION

2 Days

TUITION

\$1,200 US*

CEU CREDITS OFFERED

1.4 Credits

AGENDA

This class includes fully equipped Hands-On Lab exercises.

Day 1

- Overview of the major components of a Power System
- Grounding systems
- Introduction to protective relaying
- Current Transformer selection
- Hardware overview
- Options and ordering information
- Specifications
- Mechanical installation and wiring
- EnerVista SR750/SR760 Setup Software
 - Establishing communication to the relay
 - Loading and saving settings files
- Setpoints
 - SR750/SR760 Relay Setup
 - System Setup
 - Logic Inputs
 - Breaker control
 - Output Relays
 - Trip Circuit supervision

Day 2

- Protection Hands-On Lab exercises:
 - Instantaneous Overcurrent
 - Timed Overcurrent
 - Voltage Restraint
 - Directional Overcurrent
 - Under/Overvoltage
 - Underfrequency
 - Frequency Decay
 - Breaker Failure
- Control
 - Setpoint Groups
 - Synchrocheck
 - Cold Load Pickup
 - Undervoltage Restoration
 - Underfrequency
 - Overview of the Transfer Scheme
- Actual Values
 - Status
 - Metering
 - Event Recorder
 - Waveform Capture
 - Data Logger
 - Active conditions
- Additional Lab exercises
 - Keypad Labs
 - Firmware updates
- Data communications overview

25% off the price of the training CD when purchased with the in-class course

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