



INTRODUCTION TO ELECTROMECHANICAL RELAYS

TRNG-EMR1

WHAT WILL I LEARN FROM THIS COURSE?

This course provides students with a solid understanding of the operation, application, practical testing and maintenance techniques used with GE Multilin electromechanical relays. Through practical Lab exercises and discussions of real application issues, students will learn how to calibrate, monitor and troubleshoot various electromechanical relays.

PREREQUISITES

- Fundamentals of Modern Protective Relaying course strongly recommended

COURSE DURATION

3 Days

AGENDA

GE Multilin's Introduction to Electromechanical Relays course provides a strong foundation and skill set for working with electromechanical products. This course offers a well-paced and comprehensive examination of the theoretical and practical applications of electromechanical relays in today's marketplace. Periodic testing and Lab exercises follow each section to challenge your understanding of the material covered. The course leverages the contributions of GE Multilin's senior engineering and technical staff. The material is taught through lectures, textbooks and audio/video presentations. Students will also participate in Hands-On Lab exercises.

Among the relays that are covered in this course are: IFC, IAC, PJC, HFC, BDD, HEA, HAA, HFA, HGA, HMA, NGA, CEY, NGV, IBC

WHO SHOULD ATTEND?

Utility and plant electrical personnel who are responsible for the installation, maintenance and testing of electromechanical relay equipment will benefit most from this course.

TUITION

\$1,800 US*

CEU CREDITS OFFERED

2.1 Credits

This class includes fully equipped group Lab exercises.

Basic Theory of Operation

- Electromagnetic attraction
- Electromagnetic induction
- Force and torque equations

Applications

- Basic applications of various relays
- Relay operating characteristics

Design Features

- Electrical, thermal, mechanical

Ratings

- Electrical, thermal, mechanical

Testing and Adjustment Techniques

- Design tests
- Acceptance tests
- Calibration settings

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