

# ELECTRICAL COURSES

## SAFETY MEASURES DURING WORK ON DE-ENERGIZING OVERHEAD LINES (E82AE)

**OBJECTIVE:**

This seminar provides attendees with the fundamentals of overhead TL and safety works when working on TL.

**WHO SHOULD ATTEND?**

This course is intended for electrical engineers who work in distribution and transmitting electrical power.

**COURSE CONTENT:**

- Over head TL Construction and Types
- Safety Rules and Precautions to be considered when Operated with TL
- Grounding and Ungrounding System
- Safety Basic and Effects of Electric Current on the Human Body.
- Measuring Tools when Dealing with OHTL

**Duration: 5 Days**

Date:	Venue:	Cost:
Apr 12 – 16	Dubai	SR8,000
Apr 19 – 23	Qatar	SR8,000
Jun 7 – 11	Sharm El-Shaikh	SR8,000
Nov 8 – 12	Jubail	SR7,000

## SMART PROTECTION, MEASURING AND CONTROL DEVICES (E101AE)

**OBJECTIVE:**

This course is designed to provide the participants with knowledge, experience and good skills in the advanced protective relaying field (digital relays)

**WHO SHOULD ATTEND?**

This course is designed for electrical engineers and experienced technicians who is involved with protection fields such as protection of generators, transformers, motors, electrical distribution and transmission systems.

**COURSE CONTENT:**

- General introduction
- Microprocessor and interfacing programmable devices
- Protection devices
- Signal condition sub system
- Digital processing relay sub system
- Data communication schemes
- Digital protection techniques
- Case study
- Measuring and control devices
- Testing and commissioning

**Duration: 5 Days**

Date:	Venue:	Cost:
Jan 19-23	Dubai	SR8,000
Feb 9-13	Jubail	SR7,000
Aug 30-Sep 3	Sharm El-Shaikh	SR8,000
Nov 15-19	Qatar	SR8,000