

ELECTRICAL COURSES

ELECTRICAL FAULTS, CAUSES, DETECTION AND REMEDIES (E1AE)

OBJECTIVE:

This course is designed to provide the participants with knowledge about fault analysis, fault causes, fault detection and fault calculations in order to safely operate and maintain power systems.

WHO SHOULD ATTEND?

This course is recommended for electrical engineers and experienced technicians working in electrical distribution, transmission, operation, maintenance and protection of electrical power systems.

COURSE CONTENT:

- Power systems configurations
- Per unit system
- Symmetrical components
- Electrical faults analysis
- External faults analysis
- Protective equipment in power systems
- Fault detection and remedies
- Rotating machinery and transformer protection

Duration: 5 Days

Date:	Venue:	Cost:
Jan 3-7	Dammam	SR7,000
Apr 18-22	Abha	SR 8,000
Jul 11-15	Dammam	SR7,000
Nov 1-5	Qatar	SR 9,000

ELECTRICAL LOAD FORECASTING (E100AE)

OBJECTIVE:

This course explains basic theoretical analysis of planning, automation, reliability and load forecasting in power distribution systems.

WHO SHOULD ATTEND?

This course is recommended for supervisors and electrical engineers or anyone involved in electrical load forecasting and planning in power system.

COURSE CONTENT:

- Overview of electrical systems
- Distribution system planning and automation
- Load forecasting
- Power system reliability
- Technology needs for the electric power industry
- Distribution systems layouts

Duration: 5 Days

Date:	Venue:	Cost:
Feb 14-18	Dammam	SR7,000
Aug 8-12	Dammam	SR7,000
Nov 14-18	Dammam	SR7,000