

ELECTRICAL COURSES

General Troubleshooting and Protection (E22A)

OBJECTIVE:

This course is designed to provide the attendees with full basic knowledge of general troubleshooting in electrical power transmission and distribution systems, underground, electrical equipment, and protection.

WHO SHOULD ATTEND?

All operation, production and maintenance engineers, supervisors and technicians who work in power utility industries should benefit from this course. Also, senior engineers who wish to update and refresh their knowledge should attend.

COURSE CONTENT:

- Introduction
- Power Transformer Maintenance & Troubleshooting
- Power System Fault Diagnosis & Analysis
- Troubleshooting of Power Distribution
- Troubleshooting Power Quality Problems
- Troubleshooting Management in Power Transmission Systems
- Protective Relays Troubleshooting
- Case Study

PRACTICAL TASKS:

- Video tapes/CDs

Duration: 5 Days

Date:	Venue:	Cost:
May 17 – 21	Dammam	SR6,000
Nov 8 - 12	Riyadh	SR7,000
Nov 22 – 26	Dammam	SR6,000

GENERATOR & ELECTRICAL SYSTEMS (E21A)

OBJECTIVE:

This course is designed to provide the participants with full theoretical and practical details about Generator and Electrical Systems including generation philosophy and the main elements of electrical power systems.

WHO SHOULD ATTEND?

This course is recommended for electrical engineers, supervisors, and technicians who work in the generation field and need more information about the generator unit and accessories .

COURSE CONTENT:

- An Introduction to State Estimation In Power Systems
- Characteristics of Power Generation Units
- Control of Generation and Load Curves
- Generator performance and excitation system
- Power System Security
- Power system Stability
- Calculation Fault Currents
- Generator protection

Duration: 5 Days

Date:	Venue:	Cost:
May 10-14	Dammam	SR6,000
Nov 15-19	Dammam	SR6,000
Nov 22-26	Abha	SR7,000