

ELECTRICAL COURSES

ELECTRICAL ENGINEERING FOR NON ELECTRICAL ENGINEERS (E115AE)

OBJECTIVE:

This course is designed to familiarize attendees with electrical engineering branches principles.

WHO SHOULD ATTEND?

This course is recommended for all engineers specializations except electrical branch.

COURSE CONTENT:

- Introduction
- Conductors and Insulators
- Basics of Electricity Generation and Parameters
- Basic Electrical Machines
- Basic Electronics
- Basic Telecommunications

Duration: 5 Days

Date:	Venue:	Cost:
Apr 4-8	Dammam	SR7,000
AUG 15-19	Dammam	SR7,000
Dec 5-9	Jubail	SR 8,000

ELECTRICAL EQUIPMENTS, TESTING AND MAINTENANCE (E102AE)

OBJECTIVE:

This course is designed to provide the participants an understanding for the necessary practical and theoretical information about electrical equipment testing and maintenance.

WHO SHOULD ATTEND?

This course is intended for electrical engineers, supervisors and technicians who are involved in the operation of electrical systems, electrical motors or industrial processes.

COURSE CONTENT:

- Introduction to electrical circuits
- Testing of electrical equipments
- AC and DC voltage testing of electrical equipment
- Power transformer and testing
- Direct current motors testing and troubleshooting
- 3 phase induction motors testing and troubleshooting
- Electrical cables and testing
- Rectifier circuits an testing
- Programmable logic controllers (PLC)

Duration: 5 Days

Date:	Venue:	Cost:
Mar 14-18	Riyadh	SR 8,000
Jul 4-8	Dammam	SR7,000
Oct 18 -22	Abu Dhabi	SR 9,000
Dec 26- 30	Dammam	SR7,000