

INSTRUMENTATION & ELECTRONIC COURSES

BASIC ELECTRONIC CIRCUIT DIAGRAM (IE8A)

OBJECTIVE:

This seminar will provide an explanation for the fundamentals of electronic circuit diagrams and PCB drawing with computer.

WHO SHOULD ATTEND?

This course is recommended for electronic technicians, foremen, and supervisors.

COURSE CONTENT:

- Schematic Symbol Analog and Digital
- Schematic Circuits
- Printed Circuits
- Drawing Schematic with Computers
- Drawing PCB with Computer

PRACTICAL TASKS:

- Practical training with PC software.

Duration: 5 Days

Date:	Venue:	Cost:
Feb 21-25	Dammam	SR 7,000
May 9-13	Jubail	SR 8,000
Nov 21-25	Dammam	SR 7,000

BASIC ELECTRONICS (IE11A)

OBJECTIVE:

This program is designed to explain the different types of Diodes, Voltage Amplifying, Regulator and Power Supply design.

WHO SHOULD ATTEND?

This program is recommended for electronic technician foremen, supervisors who are involved in the electronic system maintenance

COURSE CONTENT:

- Semiconductor
- PN Junction
- Diode Theory
- Diodes Circuits, Special Purpose Diodes
- Bipolar Junction Transistor
- Theory of Operation, Biasing
- Voltage Amplifiers, Types of Voltage Amplifier
- Operational Amplifier
- Theory and Application of (OPAMP)
- Thyristors: Operation, Theory, and Application
- Power Supply Design
- Switching Power Supply
- Phase Control

PRACTICAL TASKS:

- Diode tests
- Diode circuits
- Transistor test
- Circuits: Transistor, Amplifier, Regulator & Power supply circuit

Duration: 5 Days

Date:	Venue:	Cost:
Jan 24-28	Dammam	SR 7,000
Jun 13-17	Dammam	SR 7,000
Dec 19-23	Dammam	SR 7,000