

INSTRUMENTATION & ELECTRONIC COURSES

ELECTRONIC CONTROL CONCEPT (IE32A)

OBJECTIVE:

This course is designed to provide knowledge in instrumentation and control concepts of different types of electronic circuits which are used in control systems.

WHO SHOULD ATTEND?

This course is intended for instrumentation, control engineers and electronic staff.

COURSE CONTENT:

- I/P Transducer
- Electronic Transmitter
- Electronic Controller
- Proportional Control Concept
- Simplified Reverse Acting Electronic
- A Simplified Reverse Action Electronic PI Controller
- Open Loop PI Pressure Controller-Control Signal Response
- Derivative Control Function Amplifier
- Simplified Reverse Acting Electronic PD Controller
- Simplified PID Electronic Controller

PRACTICAL TASK:

- Design of Level Control System
- Design of PID Controller
- Measure of Current in Different Point in Control System

Duration: 5 Days

Date:	Venue:	Cost:
Feb 9 – 13	Dammam	SR6,000
Jun 14 – 18	Dammam	SR6,000

FINAL CONTROL ELEMENTS (IE36AE)

OBJECTIVE:

This course is designed to provide better understanding of the control valves types and troubleshooting systematic techniques.

WHO SHOULD ATTEND?

This course is intended for instrumentation engineers and experience technicians in process industries.

COURSE CONTENT:

- Introduction
- Control valve types and performance
- Control valve sizing and selection
- Control valve applications
- Test, troubleshooting and Maintenance

PRACTICAL TASK:

- Design of Level Control System
- Design of PID Controller
- Measure of Current in Different Point in Control System

Duration: 5 Days

Date:	Venue:	Cost:
Mar 1-5	Qatar	SR8,000
May 17-21	Jubail	SR7,000
Aug 2-6	Sharm El-Shaikh	SR8,000