

# INSTRUMENTATION & ELECTRONIC COURSES

## ALLEN BRADLEY PLC-5 SIEMENS SIMATIC S5 (IE22BE)

**OBJECTIVE:**

This course provides attendees with practical understanding and detailed information about Allen Bradley PLC-5 + Siemens Simatic S5.

**WHO SHOULD ATTEND?**

This course is intended for those who are involved with the operation and maintenance of Allen Bradely PLC-5 + Siemens Simatic S5.

**COURSE CONTENT:**

- Introduction
- The PLC and Advantages of PLC Control
- Number System
- Basic Requirements
- Connecting External Devices
- Programming and Programming Techniques of PLC
- Identification of Discrete Input/Output
- Analog Inputs and Outputs
- Timers
- Counters
- High-Speed Instructions
- Specialized Expansion Modules
- Micro PLCs

**Duration: 10 Days**

Date:	Venue:	Cost:
Mar 14-25	Dammam	SR 14,000
Jul 18-22	Jubail	SR 15,000
Oct 10-21	Dammam	SR 14,000

## ALLEN BRADLY CONTROL SYSTEM RS LOGICS 5000 (IE37AE)

**OBJECTIVE:**

PLCs control systems make the trainees familiar with PLCs control systems and able to troubleshoot this control system.

**WHO SHOULD ATTEND?**

Instrument and control maintenance engineers, supervisors, and foremen.

**COURSE CONTENT:**

- Introduction
- System Overview
- Hardware
- RS Logics 5000
- Controller Tags
- Function Blocks
- RS View 32 Works
- System
- Graphics
- Troubleshooting
- Cross Reference
- Application

**PRACTICAL TASK:**

- Simulator Practical Training for RS LOGICS 5000 control system.

**Duration: 5 Days**

Date:	Venue:	Cost:
Feb 14-18	Dammam	SR 8,000
Jul 12-16	Cairo	SR 10,000
Dec 12-16	Dammam	SR 8,000