

**Course Overview:**

This Five-day training course will provide a broad, introduction of instrumentation and process control. The course was developed and based on the instructors' experiences. The instructors will discuss many unpublished, unique, and successful designs.

**Course Objective:**

- Techniques and methods for flow, level, pressure, and temperature measurement
- Basic operating principles and responses of feedback controllers
- Methods for tuning feedback controllers and advanced controllers
- Operating principles of cascade, feedforward, and adaptive controllers

**Course Outline:**

The Fundamentals of Process Instrumentation and Control  
General Terminology of Process Instrumentation  
Level Measurement Methods  
Flow Measurement Methods  
Temperature Measurement Methods  
Analytical Instrumentation  
Control Systems

**Who Should Attend:**

- Electronic Engineers and Technicians
- Electrical Engineers and Technicians
- Instrumentation Technicians
- Electricians
- Installation and Maintenance Technicians

**Training Language:**

EN / AR

**Training Methodology:**

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation

**Venue | Date | Fees**

Khobar | 15-10-2023 | 10,350 SAR  
ONLINE | 15-10-2023 | 7,475 SAR  
Riyadh | 12-11-2023 | 10,350 SAR  
Khobar | 03-12-2023 | 10,350 SAR  
ONLINE | 03-12-2023 | 7,475 SAR