

Course Overview:

Instrumentation can be viewed as the eyes and the ears of the operator in the modern plant. They are there to collect information, and to assist the operator in analysing current plant conditions. The operator is then better equipped to make the necessary decisions, pertaining to better control of the plant. Of course, not all of the control decisions falling to the domain of the plant operator.

Course Objective:

- Be able to work with and convert modern instrumentation signals
- The cognitive ability to implement a modern network-based system
- Comprehensive understanding of PID control
- Effective tuning of most modern control loops
- Implement a model-based control system
- Effectively deal with large dead times

Course Outline:

- Introduction to Process Variable Measurement
- Pressure, Level, Temperature, and Flow Measurement
- Process Control
- Control and Loop Tuning Strategies
- Model-Based Control and PID Controller

Who Should Attend:

- Processing Control Technicians
- Instrumentation Artisans
- People dealing with Instrumentation Equipment Selection

Training Language:

Eng

Training Methodology:

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

Venue | Date | Fees

Riyadh | 08-10-2023 | 10,350 SAR
Khobar | 29-10-2023 | 10,350 SAR
ONLINE | 29-10-2023 | 7,475 SAR