

**Course Overview:**

This course provides an overall exposure to the technology of Industrial Automation and Control as widely seen in factories of all types both for discrete and continuous manufacturing.

**Course Objective:**

The purpose of this course is to provide the student with skills useful in identifying the concepts of automated and control system and describe the terms and phrases associated with industrial automation.

**Course Outline:**

- Industrial Automation Systems
- Measurement Systems Characteristics
- Automatic Control
- P-I-D Control
- Process Control
- Flow Control Valves
- Hydraulic Control Systems

**Who Should Attend:**

Suitable candidates are Technicians, Engineers and Technologists working in the field of automatic control in the process industries with fundamental knowledge in mathematics.

**Training Language:**

EN / AR

**Training Methodology:**

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