The course consists of lectures, exercises, and evaluations that are designed to enable the participants to have basic knowledge of process measurement and controls.

**DAY 1**
- Basic Principles of Automatic Control
- Instrument Performance
- Characteristics
- Instrument Symbols and Diagrams
- (ISA Standards)

**Day 2**
- Pressure Measurement
- Instrument Data Specifications
- Level Measurement
- Level Calculation Exercises
- Instrument Data Specifications

**DAY 3**
- Instrument Data Specifications (Flow)
- Instrument Data Specifications (Temp)

**DAY 4**
- Controllers and Control Schemes
- Control Modes, PID Algorithm, and
- Control Action Direction
- Control Schemes
- Exercise: Controller Action Direction
- Control Scheme Identification

**DAY 5**
- Final Controlling Element
- Control Valves and Valve Positioners
- Selection and Sizing

For Process Engineers, Instrument Engineers or Technicians who would like to have a fundamental knowledge of Industrial Process

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