

**Objectives**

The course is designed to provide delegates with the necessary skills to understand and improve measurement solutions in the Automation Industry. To enable delegates to understand the fundamentals and terminology of Field Instrumentation plus Process Control technology and strategies.

The training/workshop will include overview of terminology, principle of operation, standard applications, installation requirements and safety instruction.

Who should attend?

The course is suitable for Apprentices, Junior Instrument Engineers, Technicians, Project Engineers and Supervisors who require a practical knowledge for selection and implementation of measurement systems.

Prerequisite knowledge Programme

No particular prerequisite knowledge is required for this course.

Day 1:

- § Basic concepts
- § Introduction to PID control
- § First principles based on pneumatic controllers
- § Integral windup
- § Selecting and tuning controllers
- § Ratio control
- § Cascade control
- § Feed forward control
- § Digital controllers
- § Practical exercises

Duration

1 day