



Calibration of Electrical & Electronic Measuring Instruments

Date	Venues	(\$)Fees	Book your seat
21 Dec -25 Dec 2025	Dubai	2900	Register Now

Course Overview:

- This course describes the basic inspection and maintenance requirements for calibration precision measuring devices and tools. The use of this standard by individuals or organizations that use measuring devices and tools to make quantitative measurements to demonstrate compliance with a specified requirement.

Course Objective:

Measuring equipment is used for the process control, quality control and quality assurance in many industrial production processes. Examples of measurements are force, torque, pressure, time frequency, speed, flow rates, liquid level, length, strain, stress, surface finish and temperature. The program aims at providing the participants with a good understanding of the types, selection, constituting elements, dynamic performance and calibration of measuring devices and systems

Who Should Attend?

- Engineers and highly qualified technicians with a good command of technical English whose jobs include the use, maintenance and calibration of measuring equipment.


Course Outline:

- Selection, errors and calibration of measuring instruments.
- Elements of an instrument system.
- Dynamic performance of instrument systems.
- Potentiometer and bridge circuits.
- Measurement of force, torque and pressure.
- Measurement of time, frequency and speed.
- Measurement of flow and viscosity.

Measurement of liquid level and quantity

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