Elevora
Global Training

COURSE BROCHURE

Instrumentation and Process Control

Electrical & Instrumentation

Code	Duration	Formats	Language	Certificate
EI-103	**5 or 10 days**	**Classroom, live online, in-house, blended**	**English or Arabic**	**Certificate of completion**

A practical electrical and instrumentation course covering measurement principles, pressure, flow, level and temperature instruments and control loops and PID. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Instrumentation and Process Control gives delegates a structured, practical understanding of measurement principles and pressure, flow, level and temperature instruments, then builds the skills to apply control loops and PID, calibration and control valves in real work. Sessions are led by practitioners with at least 15 years in the field.

Who should attend

Electrical, instrumentation and control engineers, technicians and supervisors.

What you will learn

- Measurement principles
- Pressure, flow, level and temperature instruments
- Control loops and PID
- Calibration
- Control valves

5-day course outline

Day 1	**Measurement principles**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Pressure, flow, level and temperature instruments**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Control loops and PID**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Calibration**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Control valves**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Measurement principles** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Pressure, flow, level and temperature instruments and control loops and PID** — Group exercises that combine methods from week one.
Day 8	**Field case study: Calibration** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Control valves** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
2 Nov 2026 to 6 Nov 2026	London	5 days	**$3,450**
13 Dec 2026 to 17 Dec 2026	Cairo	5 days	**$2,450**
18 Jan 2027 to 22 Jan 2027	Istanbul	5 days	**$2,450**
7 Feb 2027 to 11 Feb 2027	Cairo	5 days	**$2,450**
8 Mar 2027 to 12 Mar 2027	Amsterdam	5 days	**$3,450**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

Head office
Sharjah Publishing City, Sharjah, United Arab Emirates

Email
info@elevoratrainings.com
training@elevoratrainings.com

WhatsApp
+971 56 692 2928

Website
elevoratrainings.com