Elevora
Global Training

COURSE BROCHURE

Power Quality and Harmonics

Electrical & Instrumentation

Code	Duration	Formats	Language	Certificate
EI-110	**5 or 10 days**	**Classroom, live online, in-house, blended**	**English or Arabic**	**Certificate of completion**

A practical electrical and instrumentation course covering power quality phenomena, harmonics sources and effects and measurement and analysis. 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

Power Quality and Harmonics gives delegates a structured, practical understanding of power quality phenomena and harmonics sources and effects, then builds the skills to apply measurement and analysis, mitigation and standards 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

- Power quality phenomena
- Harmonics sources and effects
- Measurement and analysis
- Mitigation
- Standards

5-day course outline

Day 1	**Power quality phenomena**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Harmonics sources and effects**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Measurement and analysis**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Mitigation**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Standards**	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: Power quality phenomena** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Harmonics sources and effects and measurement and analysis** — Group exercises that combine methods from week one.
Day 8	**Field case study: Mitigation** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Standards** — 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
9 Nov 2026 to 13 Nov 2026	Istanbul	5 days	**$2,450**
13 Dec 2026 to 17 Dec 2026	Cairo	5 days	**$2,450**
4 Jan 2027 to 8 Jan 2027	Kuala Lumpur	5 days	**$2,450**
21 Feb 2027 to 4 Mar 2027	Cairo	10 days	**$4,450**
8 Mar 2027 to 12 Mar 2027	Barcelona	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

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