



Power Quality & Harmonics Masterclass

Electrical Engineering

QGT-ELE-176 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Power Quality & Harmonics Masterclass is a senior-level masterclass on strategy and performance in Power Quality & Harmonics. It covers the principles, the requirements of IEC, IEEE and NFPA 70/70E, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Power Quality & Harmonics
- Apply the relevant requirements of IEC, IEEE and NFPA 70/70E
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for electrical engineers, technicians, supervisors and authorised persons in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Power Quality & Harmonics

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
22–26 Feb 2027	Sharjah	Classroom	5 days	\$5,500
8–19 Mar 2027	Istanbul	Classroom	10 days	\$9,900
17–21 May 2027	Brussels	Classroom	5 days	\$5,500
24 May – 4 Jun 2027	Geneva	Classroom	10 days	\$9,900
18–22 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Apr 2028	Lagos	Classroom	5 days	\$5,500
26 Jun – 7 Jul 2028	Geneva	Classroom	10 days	\$9,900
23–27 Jul 2028	Manama	Classroom	5 days	\$5,500
27 Nov – 8 Dec 2028	Houston	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Mar 2029	Lisbon	Classroom	5 days	\$5,500
27 Aug – 7 Sep 2029	Sharjah	Classroom	10 days	\$9,900
16–20 Sep 2029	Kuwait City	Classroom	5 days	\$5,500
8–19 Oct 2029	Kuala Lumpur	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Apr 2030	Cairo	Classroom	5 days	\$5,500
9–20 Jun 2030	Dammam	Classroom	10 days	\$9,900
21–25 Jul 2030	Doha	Classroom	5 days	\$5,500
14–25 Oct 2030	Edinburgh	Classroom	10 days	\$9,900
4–8 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/power-quality-and-harmonics-masterclass/>

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