



Electrical Distribution Design: Practical Workshop

Electrical Engineering

QGT-ELE-162 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Electrical Distribution Design: Practical Workshop is a hands-on workshop built around exercises and real site problems in Electrical Distribution Design. 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 Electrical Distribution Design
- 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for electrical engineers, technicians, supervisors and authorised persons who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Electrical Distribution Design scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
14–18 Jun 2027	Tbilisi	Classroom	5 days	\$5,500
4–15 Jul 2027	Kuwait City	Classroom	10 days	\$9,900
9–13 Aug 2027	Lagos	Classroom	5 days	\$5,500
30 Aug – 10 Sep 2027	Manchester	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
23–27 Apr 2028	Erbil	Classroom	5 days	\$5,500
15–26 May 2028	Milan	Classroom	10 days	\$9,900
26–30 Jun 2028	Accra	Classroom	5 days	\$5,500
18–29 Sep 2028	Dubai	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Jun 2029	Frankfurt	Classroom	5 days	\$5,500
22 Oct – 2 Nov 2029	Amsterdam	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Brussels	Classroom	5 days	\$5,500
5–16 Nov 2029	Beirut	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	Edinburgh	Classroom	5 days	\$5,500
31 Mar – 11 Apr 2030	Manama	Classroom	10 days	\$9,900
13–17 May 2030	Singapore	Classroom	5 days	\$5,500
2–13 Sep 2030	Bangkok	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/electrical-distribution-design-practical-workshop/>

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