



Building Electrical Systems Masterclass

Electrical Engineering

QGT-ELE-187 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Building Electrical Systems Masterclass is a senior-level masterclass on strategy and performance in Building Electrical Systems. 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 Building Electrical Systems
- 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 Building Electrical Systems

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	Stockholm	Classroom	5 days	\$5,500
6–17 Jun 2027	Dammam	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Nairobi	Classroom	5 days	\$5,500
13–24 Sep 2027	London	Classroom	10 days	\$9,900
18–22 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
30 Jan – 3 Feb 2028	Salalah	Classroom	5 days	\$5,500
7–18 Feb 2028	Frankfurt	Classroom	10 days	\$9,900
9–13 Jul 2028	Cairo	Classroom	5 days	\$5,500
4–15 Sep 2028	Accra	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Zurich	Classroom	5 days	\$5,500
28 May – 8 Jun 2029	Toronto	Classroom	10 days	\$9,900
27–31 Aug 2029	Athens	Classroom	5 days	\$5,500
12–23 Nov 2029	Madrid	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Amsterdam	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Abu Dhabi	Classroom	10 days	\$9,900
13–17 May 2030	Tunis	Classroom	5 days	\$5,500
23 Jun – 4 Jul 2030	Erbil	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/building-electrical-systems-masterclass/>

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