



Medium & High Voltage Systems Masterclass

Electrical Engineering

QGT-ELE-182 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Medium & High Voltage Systems Masterclass is a senior-level masterclass on strategy and performance in Medium & High Voltage 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 Medium & High Voltage 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 Medium & High Voltage 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
5–9 Apr 2027	Tunis	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Barcelona	Classroom	10 days	\$9,900
19–23 Jul 2027	Milan	Classroom	5 days	\$5,500
20 Sep – 1 Oct 2027	Singapore	Classroom	10 days	\$9,900
18–22 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
3–7 Jul 2028	Toronto	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Berlin	Classroom	10 days	\$9,900
28 Aug – 1 Sep 2028	Beirut	Classroom	5 days	\$5,500
8–19 Oct 2028	Manama	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2029	Muscat	Classroom	5 days	\$5,500
26 Mar – 6 Apr 2029	Marrakech	Classroom	10 days	\$9,900
30 Apr – 4 May 2029	Munich	Classroom	5 days	\$5,500
18–29 Jun 2029	Edinburgh	Classroom	10 days	\$9,900
13–17 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Manchester	Classroom	5 days	\$5,500
28 Jul – 8 Aug 2030	Kuwait City	Classroom	10 days	\$9,900
9–13 Sep 2030	Lisbon	Classroom	5 days	\$5,500
14–25 Oct 2030	Geneva	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/medium-and-high-voltage-systems-masterclass/>

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