



Earthing, Grounding & Lightning Protection Masterclass

Electrical Engineering

QGT-ELE-175 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Earthing, Grounding & Lightning Protection Masterclass is a senior-level masterclass on strategy and performance in Earthing, Grounding & Lightning Protection. 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 Earthing, Grounding & Lightning Protection
- 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 Earthing, Grounding & Lightning Protection

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
18–22 Jan 2027	Beirut	Classroom	5 days	\$5,500
31 Jan – 11 Feb 2027	Dammam	Classroom	10 days	\$9,900
18–22 Apr 2027	Riyadh	Classroom	5 days	\$5,500
28 Jun – 9 Jul 2027	Houston	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	Paris	Classroom	5 days	\$5,500
12–23 Jun 2028	Edinburgh	Classroom	10 days	\$9,900
19–23 Jun 2028	Munich	Classroom	5 days	\$5,500
24 Jul – 4 Aug 2028	Beirut	Classroom	10 days	\$9,900
11–15 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
15–19 Jan 2029	Baku	Classroom	5 days	\$5,500
16–27 Apr 2029	Athens	Classroom	10 days	\$9,900
23–27 Apr 2029	Istanbul	Classroom	5 days	\$5,500
29 Apr – 10 May 2029	Erbil	Classroom	10 days	\$9,900
5–9 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
25 Feb – 1 Mar 2030	Kigali	Classroom	5 days	\$5,500
6–17 May 2030	Johannesburg	Classroom	10 days	\$9,900
27–31 May 2030	Cape Town	Classroom	5 days	\$5,500
19–30 Aug 2030	Barcelona	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/earthing-grounding-and-lightning-protection-masterclass/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

