



Power System Protection & Relaying Masterclass

Electrical Engineering

QGT-ELE-168 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Power System Protection & Relaying Masterclass is a senior-level masterclass on strategy and performance in Power System Protection & Relaying. 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 System Protection & Relaying
- 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 System Protection & Relaying

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
25–29 Jan 2027	Stockholm	Classroom	5 days	\$5,500
14–25 Feb 2027	Muscat	Classroom	10 days	\$9,900
21–25 Feb 2027	Algiers	Classroom	5 days	\$5,500
10–21 May 2027	Tunis	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
13–17 Mar 2028	Dubai	Classroom	5 days	\$5,500
15–26 May 2028	Edinburgh	Classroom	10 days	\$9,900
7–11 Aug 2028	Istanbul	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Luanda	Classroom	10 days	\$9,900
2–6 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Johannesburg	Classroom	5 days	\$5,500
28 May – 8 Jun 2029	Milan	Classroom	10 days	\$9,900
8–12 Oct 2029	Sharjah	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2029	Madrid	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
15–19 Apr 2030	Geneva	Classroom	5 days	\$5,500
28 Apr – 9 May 2030	Al Khobar	Classroom	10 days	\$9,900
3–7 Jun 2030	Cape Town	Classroom	5 days	\$5,500
15–26 Jul 2030	Berlin	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/power-system-protection-and-relaying-masterclass/>

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