



UPS & Battery Systems Masterclass

Electrical Engineering

QGT-ELE-178 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

UPS & Battery Systems Masterclass is a senior-level masterclass on strategy and performance in UPS & Battery 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 UPS & Battery 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 UPS & Battery 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
21–25 Mar 2027	Muscat	Classroom	5 days	\$5,500
7–18 Jun 2027	Marrakech	Classroom	10 days	\$9,900
26–30 Jul 2027	Zurich	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Lisbon	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
20–24 Feb 2028	Algiers	Classroom	5 days	\$5,500
19–30 Mar 2028	Alexandria	Classroom	10 days	\$9,900
16–20 Apr 2028	Riyadh	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Athens	Classroom	10 days	\$9,900
16–20 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Casablanca	Classroom	5 days	\$5,500
5–16 Feb 2029	Frankfurt	Classroom	10 days	\$9,900
11–15 Jun 2029	Vienna	Classroom	5 days	\$5,500
22 Oct – 2 Nov 2029	Milan	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
17–21 Mar 2030	Cairo	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2030	Houston	Classroom	10 days	\$9,900
21–25 Apr 2030	Erbil	Classroom	5 days	\$5,500
26 May – 6 Jun 2030	Alexandria	Classroom	10 days	\$9,900
14–18 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/ups-and-battery-systems-masterclass/>

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Email: training@qimmatrainig.com

