



Electrical Safety & Arc Flash (NFPA 70E): Practical Workshop

Electrical Engineering

QGT-ELE-151 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Electrical Safety & Arc Flash (NFPA 70E): Practical Workshop is a hands-on workshop built around exercises and real site problems in Electrical Safety & Arc Flash (NFPA 70E). 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 Electrical Safety & Arc Flash (NFPA 70E)
- 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for electrical engineers, technicians, supervisors and authorised persons who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Electrical Safety & Arc Flash (NFPA 70E) scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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	Milan	Classroom	5 days	\$5,500
17–28 May 2027	Istanbul	Classroom	10 days	\$9,900
24–28 May 2027	Casablanca	Classroom	5 days	\$5,500
30 Aug – 10 Sep 2027	Cape Town	Classroom	10 days	\$9,900
20–24 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
14–18 Feb 2028	Sharjah	Classroom	5 days	\$5,500
3–14 Apr 2028	Madrid	Classroom	10 days	\$9,900
15–19 May 2028	Singapore	Classroom	5 days	\$5,500
18–29 Jun 2028	Cairo	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Singapore	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	London	Classroom	10 days	\$9,900
6–10 May 2029	Doha	Classroom	5 days	\$5,500
15–26 Oct 2029	Athens	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
25 Feb – 1 Mar 2030	Manchester	Classroom	5 days	\$5,500
1–12 Apr 2030	Dubai	Classroom	10 days	\$9,900
15–19 Jul 2030	Geneva	Classroom	5 days	\$5,500
22 Jul – 2 Aug 2030	Istanbul	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/electrical-safety-and-arc-flash-nfpa-70e-practical-workshop>

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Email: training@qimmatrainig.com

