



Electrical Safety & Arc Flash (NFPA 70E): Advanced Level

Electrical Engineering

QGT-ELE-129 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Electrical Safety & Arc Flash (NFPA 70E): Advanced Level is an advanced programme for experienced practitioners 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
- Apply advanced analysis methods to real operating data
- 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 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in IEC, IEEE and NFPA 70/70E

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
11–22 Jan 2027	Tunis	Classroom	10 days	\$9,900
5–9 Apr 2027	Frankfurt	Classroom	5 days	\$5,500
2–13 Aug 2027	Nairobi	Classroom	10 days	\$9,900
18–22 Oct 2027	Copenhagen	Classroom	5 days	\$5,500
25 Oct – 5 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
14–25 May 2028	Amman	Classroom	10 days	\$9,900
28 May – 1 Jun 2028	Dammam	Classroom	5 days	\$5,500
5–16 Jun 2028	Marrakech	Classroom	10 days	\$9,900
18–22 Sep 2028	Berlin	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Online (live)	Online (live)	10 days	\$5,500
15–26 Jan 2029	Cape Town	Classroom	10 days	\$9,900
5–9 Aug 2029	Jeddah	Classroom	5 days	\$5,500
13–24 Aug 2029	Houston	Classroom	10 days	\$9,900
19–23 Aug 2029	Doha	Classroom	5 days	\$5,500
1–12 Oct 2029	Online (live)	Online (live)	10 days	\$5,500
18 Feb – 1 Mar 2030	Nairobi	Classroom	10 days	\$9,900
1–5 Apr 2030	Paris	Classroom	5 days	\$5,500
5–16 Aug 2030	Lagos	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Casablanca	Classroom	5 days	\$5,500
2–13 Dec 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

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

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