



Infrared Thermography for Electrical Systems Masterclass

Electrical Engineering

QGT-ELE-188 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Infrared Thermography for Electrical Systems Masterclass is a senior-level masterclass on strategy and performance in Infrared Thermography for Electrical 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 Infrared Thermography for Electrical 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 Infrared Thermography for Electrical 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
25–29 Jan 2027	Abu Dhabi	Classroom	5 days	\$5,500
28 Mar – 8 Apr 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
10–14 May 2027	Accra	Classroom	5 days	\$5,500
16–27 May 2027	Jeddah	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Dubai	Classroom	5 days	\$5,500
8–19 May 2028	Sharjah	Classroom	10 days	\$9,900
19–23 Jun 2028	Athens	Classroom	5 days	\$5,500
2–13 Oct 2028	Budapest	Classroom	10 days	\$9,900
9–13 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Mar 2029	Zurich	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Athens	Classroom	10 days	\$9,900
16–20 Jul 2029	Amsterdam	Classroom	5 days	\$5,500
17–28 Sep 2029	Milan	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
25–29 Mar 2030	Berlin	Classroom	5 days	\$5,500
1–12 Apr 2030	Prague	Classroom	10 days	\$9,900
20–24 May 2030	Milan	Classroom	5 days	\$5,500
19–30 Aug 2030	Kigali	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/infrared-thermography-for-electrical-systems-masterclass/>

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