



Transformers Operation & Maintenance: Practical Workshop

Electrical Engineering

QGT-ELE-147 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Transformers Operation & Maintenance: Practical Workshop is a hands-on workshop built around exercises and real site problems in Transformers Operation & Maintenance. 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 Transformers Operation & Maintenance
- 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 Transformers Operation & Maintenance 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
15–19 Feb 2027	Rome	Classroom	5 days	\$5,500
12–23 Apr 2027	Singapore	Classroom	10 days	\$9,900
7–11 Jun 2027	Lagos	Classroom	5 days	\$5,500
5–16 Jul 2027	Athens	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
17–21 Jan 2028	Kigali	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Rome	Classroom	10 days	\$9,900
7–11 May 2028	Algiers	Classroom	5 days	\$5,500
3–14 Jul 2028	Houston	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Casablanca	Classroom	5 days	\$5,500
16–27 Apr 2029	Lagos	Classroom	10 days	\$9,900
18–22 Jun 2029	Milan	Classroom	5 days	\$5,500
16–27 Jul 2029	Dublin	Classroom	10 days	\$9,900
23–27 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2030	Budapest	Classroom	5 days	\$5,500
7–18 Apr 2030	Jeddah	Classroom	10 days	\$9,900
8–12 Jul 2030	Copenhagen	Classroom	5 days	\$5,500
21 Jul – 1 Aug 2030	Cairo	Classroom	10 days	\$9,900
9–13 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/transformers-operation-and-maintenance-practical-workshop/>

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