



Cranes & Lifting Equipment Engineering: Practical Workshop

Mechanical & Rotating Equipment

QGT-MEC-172 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Cranes & Lifting Equipment Engineering: Practical Workshop is a hands-on workshop built around exercises and real site problems in Cranes & Lifting Equipment Engineering. It covers the principles, the requirements of API 610/617/618, ASME and ISO standards, 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 Cranes & Lifting Equipment Engineering
- Apply the relevant requirements of API 610/617/618, ASME and ISO standards
- 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 mechanical engineers, technicians, supervisors and maintenance staff 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 Cranes & Lifting Equipment Engineering 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
16–20 May 2027	Cairo	Classroom	5 days	\$5,500
6–17 Jun 2027	Al Khobar	Classroom	10 days	\$9,900
13–17 Sep 2027	Manchester	Classroom	5 days	\$5,500
27 Sep – 8 Oct 2027	Baku	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Apr 2028	Tunis	Classroom	5 days	\$5,500
1–12 May 2028	Toronto	Classroom	10 days	\$9,900
29 May – 2 Jun 2028	Brussels	Classroom	5 days	\$5,500
5–16 Jun 2028	Paris	Classroom	10 days	\$9,900
19–23 Jun 2028	Online (live)	Online (live)	5 days	\$3,000
11–15 Mar 2029	Riyadh	Classroom	5 days	\$5,500
19–30 Mar 2029	Beirut	Classroom	10 days	\$9,900
15–19 Jul 2029	Amman	Classroom	5 days	\$5,500
10–21 Sep 2029	Kuala Lumpur	Classroom	10 days	\$9,900
24–28 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
6–10 Jan 2030	Kuwait City	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2030	Bangkok	Classroom	10 days	\$9,900
17–21 Jun 2030	Kuala Lumpur	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Casablanca	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/cranes-and-lifting-equipment-engineering-practical-workshop>

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