



Steel Structures Design: Practical Workshop

Civil, Structural & Construction

QGT-CIV-144 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Steel Structures Design: Practical Workshop is a hands-on workshop built around exercises and real site problems in Steel Structures Design. It covers the principles, the requirements of ACI, AISC, Eurocodes, IBC and local building codes, 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 Steel Structures Design
- Apply the relevant requirements of ACI, AISC, Eurocodes, IBC and local building codes
- 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 civil and structural engineers, site engineers, consultants and inspectors 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 Steel Structures Design 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
19–23 Apr 2027	Kigali	Classroom	5 days	\$5,500
7–18 Jun 2027	Manchester	Classroom	10 days	\$9,900
29 Aug – 2 Sep 2027	Jeddah	Classroom	5 days	\$5,500
6–17 Sep 2027	Toronto	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
12–16 Jun 2028	Accra	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Edinburgh	Classroom	10 days	\$9,900
27–31 Aug 2028	Algiers	Classroom	5 days	\$5,500
16–27 Oct 2028	Kigali	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2029	Manama	Classroom	5 days	\$5,500
8–19 Apr 2029	Erbil	Classroom	10 days	\$9,900
20–24 Aug 2029	Munich	Classroom	5 days	\$5,500
3–14 Sep 2029	Kuala Lumpur	Classroom	10 days	\$9,900
24–28 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
11–15 Mar 2030	Dubai	Classroom	5 days	\$5,500
5–16 Aug 2030	Nairobi	Classroom	10 days	\$9,900
21–25 Oct 2030	Vienna	Classroom	5 days	\$5,500
3–14 Nov 2030	Alexandria	Classroom	10 days	\$9,900
25–29 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/steel-structures-design-practical-workshop/>

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