



Seismic Design of Structures: Practical Workshop

Civil, Structural & Construction

QGT-CIV-159 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Seismic Design of Structures: Practical Workshop is a hands-on workshop built around exercises and real site problems in Seismic Design of Structures. 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 Seismic Design of Structures
- 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 Seismic Design of Structures 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
26–30 Apr 2027	Istanbul	Classroom	5 days	\$5,500
24 May – 4 Jun 2027	Tbilisi	Classroom	10 days	\$9,900
14–18 Jun 2027	Luanda	Classroom	5 days	\$5,500
18–29 Jul 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
11–15 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Jan 2028	Athens	Classroom	5 days	\$5,500
1–12 May 2028	Rome	Classroom	10 days	\$9,900
11–15 Jun 2028	Doha	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2028	Muscat	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
17–21 Jun 2029	Dammam	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2029	Dublin	Classroom	10 days	\$9,900
2–6 Jul 2029	Milan	Classroom	5 days	\$5,500
5–16 Aug 2029	Jeddah	Classroom	10 days	\$9,900
29 Oct – 2 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
3–7 Feb 2030	Salalah	Classroom	5 days	\$5,500
22 Jul – 2 Aug 2030	Kuala Lumpur	Classroom	10 days	\$9,900
2–6 Sep 2030	Copenhagen	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2030	Accra	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

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

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