



Foundation & Geotechnical Engineering: Practical Workshop

Civil, Structural & Construction

QGT-CIV-145 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Foundation & Geotechnical Engineering: Practical Workshop is a hands-on workshop built around exercises and real site problems in Foundation & Geotechnical Engineering. 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 Foundation & Geotechnical Engineering
- 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 Foundation & Geotechnical 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
6–10 Jun 2027	Salalah	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Stockholm	Classroom	10 days	\$9,900
26–30 Jul 2027	Casablanca	Classroom	5 days	\$5,500
27 Sep – 8 Oct 2027	Accra	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
14–18 Feb 2028	Tbilisi	Classroom	5 days	\$5,500
20–31 Mar 2028	Barcelona	Classroom	10 days	\$9,900
3–7 Apr 2028	Lisbon	Classroom	5 days	\$5,500
3–14 Jul 2028	Dubai	Classroom	10 days	\$9,900
14–18 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Milan	Classroom	5 days	\$5,500
19–30 Mar 2029	Stockholm	Classroom	10 days	\$9,900
27–31 May 2029	Amman	Classroom	5 days	\$5,500
6–17 Aug 2029	Nairobi	Classroom	10 days	\$9,900
10–14 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2030	Kigali	Classroom	5 days	\$5,500
14–25 Apr 2030	Jeddah	Classroom	10 days	\$9,900
7–11 Jul 2030	Algiers	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Dublin	Classroom	10 days	\$9,900
7–11 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/foundation-and-geotechnical-engineering-practical-workshop>

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