



Foundation & Geotechnical Engineering

Civil, Structural & Construction

QGT-CIV-103 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Foundation & Geotechnical Engineering is an introduction that builds a solid working knowledge 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Foundation & Geotechnical Engineering fits into daily operations

Day 2: Codes, standards and requirements

What ACI, AISC, Eurocodes, IBC and local building codes require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
22–26 Mar 2027	Frankfurt	Classroom	5 days	\$5,500
24 May – 4 Jun 2027	Dubai	Classroom	10 days	\$9,900
12–16 Jul 2027	Houston	Classroom	5 days	\$5,500
18–29 Jul 2027	Alexandria	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Apr 2028	Marrakech	Classroom	5 days	\$5,500
16–27 Jul 2028	Manama	Classroom	10 days	\$9,900
7–11 Aug 2028	Kuala Lumpur	Classroom	5 days	\$5,500
10–21 Sep 2028	Erbil	Classroom	10 days	\$9,900
30 Oct – 3 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Accra	Classroom	5 days	\$5,500
11–22 Mar 2029	Salalah	Classroom	10 days	\$9,900
26–30 Mar 2029	Istanbul	Classroom	5 days	\$5,500
20–31 Aug 2029	Stockholm	Classroom	10 days	\$9,900
10–14 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Istanbul	Classroom	5 days	\$5,500
25 Mar – 5 Apr 2030	Toronto	Classroom	10 days	\$9,900
14–18 Jul 2030	Manama	Classroom	5 days	\$5,500
2–13 Sep 2030	Lisbon	Classroom	10 days	\$9,900
2–6 Dec 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/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

