



Concrete Technology & Quality Control

Civil, Structural & Construction

QGT-CIV-104 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Concrete Technology & Quality Control is an introduction that builds a solid working knowledge in Concrete Technology & Quality Control. 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 Concrete Technology & Quality Control
- 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 Concrete Technology & Quality Control 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
25–29 Jan 2027	Tbilisi	Classroom	5 days	\$5,500
1–12 Feb 2027	Budapest	Classroom	10 days	\$9,900
22–26 Feb 2027	Amsterdam	Classroom	5 days	\$5,500
5–16 Jul 2027	Rome	Classroom	10 days	\$9,900
23–27 Aug 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Beirut	Classroom	5 days	\$5,500
6–17 Mar 2028	Marrakech	Classroom	10 days	\$9,900
17–21 Apr 2028	Berlin	Classroom	5 days	\$5,500
17–28 Jul 2028	Lisbon	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Johannesburg	Classroom	5 days	\$5,500
30 Apr – 11 May 2029	Toronto	Classroom	10 days	\$9,900
27–31 May 2029	Muscat	Classroom	5 days	\$5,500
10–21 Sep 2029	Paris	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Stockholm	Classroom	5 days	\$5,500
25 Aug – 5 Sep 2030	Amman	Classroom	10 days	\$9,900
7–11 Oct 2030	Amsterdam	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Kuala Lumpur	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/concrete-technology-and-quality-control/>

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