



Concrete Technology & Quality Control: Advanced Level

Civil, Structural & Construction

QGT-CIV-125 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Concrete Technology & Quality Control: Advanced Level is an advanced programme for experienced practitioners 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
- Apply advanced analysis methods to real operating data
- 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 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ACI, AISC, Eurocodes, IBC and local building codes

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
15–26 Feb 2027	Sharjah	Classroom	10 days	\$9,900
12–16 Jul 2027	Edinburgh	Classroom	5 days	\$5,500
13–24 Sep 2027	Geneva	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Abu Dhabi	Classroom	5 days	\$5,500
18–29 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
17–28 Jan 2028	Marrakech	Classroom	10 days	\$9,900
6–10 Feb 2028	Sharm El Sheikh	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	London	Classroom	10 days	\$9,900
4–8 Sep 2028	Houston	Classroom	5 days	\$5,500
18–29 Sep 2028	Online (live)	Online (live)	10 days	\$5,500
25 Jun – 6 Jul 2029	Dubai	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Brussels	Classroom	5 days	\$5,500
19–30 Aug 2029	Muscat	Classroom	10 days	\$9,900
3–7 Sep 2029	Sharjah	Classroom	5 days	\$5,500
12–23 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
10–21 Feb 2030	Amman	Classroom	10 days	\$9,900
18–22 Mar 2030	Athens	Classroom	5 days	\$5,500
29 Apr – 10 May 2030	London	Classroom	10 days	\$9,900
25–29 Aug 2030	Salalah	Classroom	5 days	\$5,500
18–29 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/concrete-technology-and-quality-control-advanced-level/>

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