



Repair & Rehabilitation of Concrete Structures

Civil, Structural & Construction

QGT-CIV-105 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Repair & Rehabilitation of Concrete Structures is an introduction that builds a solid working knowledge in Repair & Rehabilitation of Concrete 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 Repair & Rehabilitation of Concrete 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, 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 Repair & Rehabilitation of Concrete Structures 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
7–11 Feb 2027	Salalah	Classroom	5 days	\$5,500
22 Mar – 2 Apr 2027	Madrid	Classroom	10 days	\$9,900
19–23 Apr 2027	Abu Dhabi	Classroom	5 days	\$5,500
8–19 Aug 2027	Algiers	Classroom	10 days	\$9,900
20–24 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
28 Feb – 3 Mar 2028	Stockholm	Classroom	5 days	\$5,500
7–18 May 2028	Erbil	Classroom	10 days	\$9,900
10–14 Jul 2028	Beirut	Classroom	5 days	\$5,500
18–29 Sep 2028	Vienna	Classroom	10 days	\$9,900
25–29 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Accra	Classroom	5 days	\$5,500
2–13 Apr 2029	Madrid	Classroom	10 days	\$9,900
18–22 Jun 2029	Nairobi	Classroom	5 days	\$5,500
10–21 Sep 2029	Marrakech	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Brussels	Classroom	5 days	\$5,500
5–16 Aug 2030	Vienna	Classroom	10 days	\$9,900
11–15 Aug 2030	Algiers	Classroom	5 days	\$5,500
18–29 Nov 2030	Singapore	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/repair-and-rehabilitation-of-concrete-structures/>

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