



Precast & Prestressed Concrete

Civil, Structural & Construction

QGT-CIV-111 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Precast & Prestressed Concrete is an introduction that builds a solid working knowledge in Precast & Prestressed Concrete. 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 Precast & Prestressed Concrete
- 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 Precast & Prestressed Concrete 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 Apr 2027	Cairo	Classroom	5 days	\$5,500
16–27 May 2027	Manama	Classroom	10 days	\$9,900
27 Jun – 1 Jul 2027	Salalah	Classroom	5 days	\$5,500
2–13 Aug 2027	Amsterdam	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
23–27 Apr 2028	Al Khobar	Classroom	5 days	\$5,500
28 May – 8 Jun 2028	Manama	Classroom	10 days	\$9,900
2–6 Jul 2028	Cairo	Classroom	5 days	\$5,500
14–25 Aug 2028	Lagos	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
15–19 Jan 2029	London	Classroom	5 days	\$5,500
22 Jan – 2 Feb 2029	Toronto	Classroom	10 days	\$9,900
16–20 Apr 2029	Lagos	Classroom	5 days	\$5,500
13–24 May 2029	Kuwait City	Classroom	10 days	\$9,900
16–20 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Munich	Classroom	5 days	\$5,500
4–15 Mar 2030	Beirut	Classroom	10 days	\$9,900
20–24 May 2030	Bangkok	Classroom	5 days	\$5,500
6–17 Oct 2030	Cairo	Classroom	10 days	\$9,900
11–15 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/precast-and-prestressed-concrete/>

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