Garnet
Garnet Global Training Center

GGT-CV-122

Construction, Civil & Infrastructure

Precast & Prestressed Concrete

الخرسانة سابقة الصب ومسبقة الإجهاد

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Participants in Precast & Prestressed Concrete practise the methods, tools and standards they need to perform reliably and solve problems on the job. Design, construction and asset programs for buildings, roads, bridges and utilities. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Precast & Prestressed Concrete to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

Who should attend

Civil and structural engineers, site managers, consultants and infrastructure owners. Practitioners with one to five years of experience benefit most.

Key topics

- Codes and specifications
- Materials and testing
- Site supervision and QA/QC
- Construction safety
- Quantity surveying and cost
- BIM and digital construction

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

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Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Precast & Prestressed Concrete: principles and standards

- Quantity surveying and cost
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- BIM and digital construction
- Codes and specifications

Day 3 Diagnosis and problem solving

- Materials and testing
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Site supervision and QA/QC
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Construction safety
- Checklists and templates to take away

10-day outline

Day 1 Precast & Prestressed Concrete: principles and standards

- Quantity surveying and cost
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- BIM and digital construction
- Codes and specifications

Day 3 Diagnosis and problem solving

- Materials and testing
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Site supervision and QA/QC
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Construction safety
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Measurement and reporting

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
5–16 Apr 2027	10-day classroom	Geneva	English	8,950
5–9 Jul 2027	5-day online	Live online	Arabic	2,950
13–17 Sep 2027	5-day classroom	Kuala Lumpur	English	4,750
5–9 Dec 2027	5-day classroom	Kuwait City	English	4,750
10–14 Jan 2028	5-day classroom	Dubai	Arabic	4,750
11–22 Jun 2028	10-day classroom	Riyadh	English	8,950
11–22 Sep 2028	10-day online	Live online	Arabic	5,450
20–24 Nov 2028	5-day classroom	Vienna	English	4,750
12–23 Feb 2029	10-day classroom	Paris	English	8,950

Dates	Format	City	Language	Fee (USD)
6–10 Aug 2029	5-day online	Live online	Arabic	2,950
8–12 Oct 2029	5-day classroom	Kuala Lumpur	English	4,750
11–15 Nov 2029	5-day classroom	Doha	Arabic	4,750
20–24 May 2030	5-day classroom	Paris	English	4,750
17–28 Jun 2030	10-day classroom	Casablanca	English	8,950
12–23 Aug 2030	10-day online	Live online	Arabic	5,450
14–18 Oct 2030	5-day classroom	Dubai	Arabic	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/