Garnet
Garnet Global Training Center

GGT-CV-104

Construction, Civil & Infrastructure

Concrete Technology & Repair

تكنولوجيا الخرسانة وإصلاحها

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

Overview

Concrete Technology & Repair focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Design, construction and asset programs for buildings, roads, bridges and utilities. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Concrete Technology & Repair to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

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

WhatsApp: +971 56 674 7382

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 Concrete Technology & Repair: principles and standards

- Construction safety
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Quantity surveying and cost
- BIM and digital construction

Day 3 Diagnosis and problem solving

- Codes and specifications
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Materials and testing
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Site supervision and QA/QC
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Concrete Technology & Repair: principles and standards

- Construction safety
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Quantity surveying and cost
- BIM and digital construction

Day 3 Diagnosis and problem solving

- Codes and specifications
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Materials and testing
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Site supervision and QA/QC
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
10–14 Jan 2027	5-day classroom	Riyadh	English	4,750
5–9 Jul 2027	5-day classroom	Singapore	English	4,750
13–24 Sep 2027	10-day classroom	Dubai	English	8,950
4–8 Oct 2027	5-day online	Live online	Arabic	2,950
6–10 Feb 2028	5-day classroom	Riyadh	Arabic	4,750
19–23 Mar 2028	5-day classroom	Cairo	Arabic	4,750
3–14 Apr 2028	10-day online	Live online	Arabic	5,450
4–15 Dec 2028	10-day classroom	Kuala Lumpur	English	8,950
8–12 Jan 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
11–15 Mar 2029	5-day classroom	Manama	English	4,750
17–28 Sep 2029	10-day classroom	Istanbul	English	8,950
18–22 Nov 2029	5-day classroom	Cairo	Arabic	4,750
3–14 Mar 2030	10-day classroom	Jeddah	English	8,950
20–31 May 2030	10-day online	Live online	Arabic	5,450
17–21 Jun 2030	5-day classroom	Barcelona	English	4,750
16–20 Sep 2030	5-day classroom	Kuala Lumpur	English	4,750

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