Garnet
Garnet Global Training Center

GGT-CV-123

Construction, Civil & Infrastructure

Waterproofing & Building Envelope

العزل المائي وغلاف المبنى

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

Overview

Waterproofing & Building Envelope 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. 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 Waterproofing & Building Envelope to real tasks.
- Share good practice with your team.
- 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.

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 Waterproofing & Building Envelope: principles and standards

- BIM and digital construction
- Group discussion and peer review

Day 2 Methods and tools in practice

- Codes and specifications
- Materials and testing

Day 3 Diagnosis and problem solving

- Site supervision and QA/QC
- Measurement and reporting

Day 4 Quality, safety and documentation

- Construction safety
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Quantity surveying and cost
- Common mistakes and how to avoid them

10-day outline

Day 1 Waterproofing & Building Envelope: principles and standards

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- Group discussion and peer review

Day 2 Methods and tools in practice

- Codes and specifications
- Materials and testing

Day 3 Diagnosis and problem solving

- Site supervision and QA/QC
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Day 5 Workshop, assessment and action plan

- Quantity surveying and cost
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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)
14–18 Feb 2027	5-day classroom	Kuwait City	English	4,750
20–24 Jun 2027	5-day classroom	Riyadh	English	4,750
20 Sep – 1 Oct 2027	10-day classroom	Paris	English	8,950
11–15 Oct 2027	5-day online	Live online	English	2,950
14–25 Feb 2028	10-day classroom	Dubai	English	8,950
21–25 May 2028	5-day classroom	Jeddah	English	4,750
2–6 Oct 2028	5-day classroom	Singapore	English	4,750
18–29 Dec 2028	10-day online	Live online	English	5,450
19 Feb – 2 Mar 2029	10-day classroom	London	English	8,950

Dates	Format	City	Language	Fee (USD)
19–23 Mar 2029	5-day online	Live online	Arabic	2,950
16–20 Apr 2029	5-day classroom	Paris	English	4,750
1–5 Oct 2029	5-day classroom	Amsterdam	English	4,750
21 Jan – 1 Feb 2030	10-day online	Live online	Arabic	5,450
8–12 Jul 2030	5-day classroom	Paris	English	4,750
17–28 Nov 2030	10-day classroom	Jeddah	English	8,950
8–12 Dec 2030	5-day classroom	Cairo	Arabic	4,750

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