Garnet
Garnet Global Training Center

GGT-CV-106

Construction, Civil & Infrastructure

Road & Pavement Engineering

هندسة الطرق والرصف

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

Overview

Road & Pavement Engineering turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Design, construction and asset programs for buildings, roads, bridges and utilities. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Apply the methods and standards of Road & Pavement Engineering to real tasks.
- 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.
- Diagnose common problems and identify root causes.

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 Road & Pavement Engineering: principles and standards

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

Day 2 Methods and tools in practice

- Construction safety
- Quantity surveying and cost

Day 3 Diagnosis and problem solving

- BIM and digital construction
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Codes and specifications
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Materials and testing
- Checklists and templates to take away

10-day outline

Day 1 Road & Pavement Engineering: principles and standards

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

Day 2 Methods and tools in practice

- Construction safety
- Quantity surveying and cost

Day 3 Diagnosis and problem solving

- BIM and digital construction
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Codes and specifications
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Materials and testing
- 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)
4–8 Jan 2027	5-day online	Live online	English	2,950
4–15 Oct 2027	10-day classroom	Dubai	Arabic	8,950
7–11 Nov 2027	5-day classroom	Riyadh	English	4,750
6–10 Dec 2027	5-day classroom	Casablanca	English	4,750
3–14 Jan 2028	10-day online	Live online	Arabic	5,450
15–19 May 2028	5-day classroom	Amsterdam	English	4,750
19–30 Jun 2028	10-day classroom	Paris	English	8,950
4–8 Dec 2028	5-day classroom	Istanbul	English	4,750
19–23 Feb 2029	5-day classroom	Singapore	English	4,750

Dates	Format	City	Language	Fee (USD)
9–13 Apr 2029	5-day online	Live online	English	2,950
13–17 May 2029	5-day classroom	Amman	English	4,750
2–13 Jul 2029	10-day classroom	Barcelona	English	8,950
21 Jan – 1 Feb 2030	10-day classroom	Istanbul	English	8,950
3–14 Jun 2030	10-day online	Live online	English	5,450
19–23 Aug 2030	5-day classroom	Abu Dhabi	Arabic	4,750
14–18 Oct 2030	5-day classroom	Vienna	English	4,750

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