Garnet
Garnet Global Training Center

GGT-CV-128

Construction, Civil & Infrastructure

Highway Maintenance Management

إدارة صيانة الطرق السريعة

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

Overview

This program treats Highway Maintenance Management as a managed system: policies, roles, resources, performance indicators and continual improvement. 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

- Set up and run Highway Maintenance Management as a managed process with clear roles.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.

Who should attend

Civil and structural engineers, site managers, consultants and infrastructure owners. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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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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 Highway Maintenance Management: the management framework

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

Day 2 Planning, resources and budgets

- Construction safety
- Quantity surveying and cost

Day 3 Performance measurement and control

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

Day 4 Risk, compliance and improvement

- Codes and specifications
- Regional and international case studies

Day 5 Management case study and action plan

- Materials and testing
- Checklists and templates to take away

10-day outline

Day 1 Highway Maintenance Management: the management framework

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

Day 2 Planning, resources and budgets

- Construction safety
- Quantity surveying and cost

Day 3 Performance measurement and control

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

Day 4 Risk, compliance and improvement

- Codes and specifications
- Regional and international case studies

Day 5 Management case study 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)
18–22 Jan 2027	5-day online	Live online	English	2,950
15–19 Feb 2027	5-day classroom	Abu Dhabi	Arabic	4,750
14–18 Jun 2027	5-day classroom	Istanbul	English	4,750
20–31 Dec 2027	10-day classroom	Barcelona	English	8,950
12–23 Jun 2028	10-day online	Live online	Arabic	5,450
2–13 Oct 2028	10-day classroom	Kuala Lumpur	English	8,950
13–17 Nov 2028	5-day classroom	Istanbul	English	4,750
10–14 Dec 2028	5-day classroom	Jeddah	English	4,750
18–22 Mar 2029	5-day classroom	Amman	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day online	Live online	English	2,950
11–22 Jun 2029	10-day classroom	London	English	8,950
15–19 Oct 2029	5-day classroom	Paris	English	4,750
17–21 Feb 2030	5-day classroom	Riyadh	Arabic	4,750
18–22 Mar 2030	5-day classroom	Amsterdam	English	4,750
2–13 Jun 2030	10-day classroom	Manama	English	8,950
1–12 Jul 2030	10-day online	Live online	English	5,450

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