Garnet
Garnet Global Training Center

GGT-EV-111

Environmental Engineering & Waste Management

Landfill Design & Management

تصميم وإدارة المدافن

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

Overview

Landfill Design & Management helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. Control air, water and soil impacts and manage waste from generation to disposal. 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

- Set up and run Landfill Design & Management as a managed process with clear roles.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.

Who should attend

Environmental engineers and officers, waste managers, regulators and consultants. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

Key topics

- Environmental regulation
- Monitoring and sampling
- Treatment technologies
- Waste hierarchy
- Impact assessment
- Reporting and compliance

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 Landfill Design & Management: the management framework

- Reporting and compliance
- Regional and international case studies

Day 2 Planning, resources and budgets

- Environmental regulation
- Monitoring and sampling

Day 3 Performance measurement and control

- Treatment technologies
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Waste hierarchy
- Group discussion and peer review

Day 5 Management case study and action plan

- Impact assessment
- Measurement and reporting

10-day outline

Day 1 Landfill Design & Management: the management framework

- Reporting and compliance
- Regional and international case studies

Day 2 Planning, resources and budgets

- Environmental regulation
- Monitoring and sampling

Day 3 Performance measurement and control

- Treatment technologies
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Waste hierarchy
- Group discussion and peer review

Day 5 Management case study and action plan

- Impact assessment
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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	Arabic	2,950
8–19 Mar 2027	10-day classroom	Istanbul	English	8,950
3–7 May 2027	5-day classroom	Dubai	Arabic	4,750
15–19 Aug 2027	5-day classroom	Amman	Arabic	4,750
2–6 Jan 2028	5-day classroom	Jeddah	English	4,750
14–18 May 2028	5-day classroom	Kuwait City	Arabic	4,750
10–21 Jul 2028	10-day online	Live online	Arabic	5,450
4–15 Sep 2028	10-day classroom	Singapore	English	8,950
19–23 Feb 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day classroom	Amsterdam	English	4,750
11–15 Jun 2029	5-day online	Live online	English	2,950
9–20 Jul 2029	10-day classroom	Geneva	English	8,950
13–24 May 2030	10-day online	Live online	English	5,450
5–16 Aug 2030	10-day classroom	London	English	8,950
6–10 Oct 2030	5-day classroom	Jeddah	Arabic	4,750
16–20 Dec 2030	5-day classroom	Dubai	English	4,750

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