Garnet
Garnet Global Training Center

GGT-EV-119

Environmental Engineering & Waste Management

Environmental Sampling & Laboratory

أخذ العينات البيئية والمختبرات

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

Overview

Environmental Sampling & Laboratory turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Control air, water and soil impacts and manage waste from generation to disposal. 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 Environmental Sampling & Laboratory to real tasks.
- Follow safe, compliant and documented work practices.
- 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.

Who should attend

Environmental engineers and officers, waste managers, regulators and consultants. Practitioners with one to five years of experience benefit most.

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 Environmental Sampling & Laboratory: principles and standards
- Monitoring and sampling
- Group discussion and peer review

Day 2 Methods and tools in practice
- Treatment technologies
- Waste hierarchy

Day 3 Diagnosis and problem solving
- Impact assessment
- Measurement and reporting

Day 4 Quality, safety and documentation
- Reporting and compliance
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Environmental regulation
- Common mistakes and how to avoid them

10-day outline

Day 1 Environmental Sampling & Laboratory: principles and standards
- Monitoring and sampling
- Group discussion and peer review

Day 2 Methods and tools in practice
- Treatment technologies
- Waste hierarchy

Day 3 Diagnosis and problem solving
- Impact assessment
- Measurement and reporting

Day 4 Quality, safety and documentation
- Reporting and compliance
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Environmental regulation
- 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)
15–19 Mar 2027	5-day classroom	Dubai	Arabic	4,750
11–15 Apr 2027	5-day classroom	Jeddah	English	4,750
17–21 May 2027	5-day online	Live online	English	2,950
7–18 Jun 2027	10-day classroom	Kuala Lumpur	English	8,950
7–18 Feb 2028	10-day classroom	Paris	English	8,950
5–9 Jun 2028	5-day classroom	Istanbul	English	4,750
11–15 Sep 2028	5-day classroom	Barcelona	English	4,750
9–20 Oct 2028	10-day online	Live online	Arabic	5,450
1–5 Jan 2029	5-day classroom	Dubai	English	4,750

Dates	Format	City	Language	Fee (USD)
19–23 Mar 2029	5-day classroom	Abu Dhabi	Arabic	4,750
16–20 Jul 2029	5-day online	Live online	English	2,950
7–18 Oct 2029	10-day classroom	Amman	English	8,950
1–5 Apr 2030	5-day classroom	Paris	English	4,750
1–5 Jul 2030	5-day classroom	Barcelona	English	4,750
5–16 Aug 2030	10-day classroom	Kuala Lumpur	English	8,950
2–13 Dec 2030	10-day online	Live online	Arabic	5,450

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