Garnet
Garnet Global Training Center

GGT-CR-127

Corrosion, Coatings & Materials

Atmospheric & Marine Corrosion

التآكل الجوي والبحري

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

Overview

Participants in Atmospheric & Marine Corrosion practise the methods, tools and standards they need to perform reliably and solve problems on the job. Understand why materials fail and how to protect assets with the right materials, coatings and cathodic protection. 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 Atmospheric & Marine Corrosion to real tasks.
- 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.
- Follow safe, compliant and documented work practices.

Who should attend

Corrosion, materials, integrity and coating engineers, inspectors and maintenance staff. Practitioners with one to five years of experience benefit most.

Key topics

- Corrosion mechanisms
- Materials selection
- Coatings and linings
- Cathodic protection
- Monitoring and inspection
- Failure analysis cases

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 Atmospheric & Marine Corrosion: principles and standards

- Cathodic protection
- Group discussion and peer review

Day 2 Methods and tools in practice

- Monitoring and inspection
- Failure analysis cases

Day 3 Diagnosis and problem solving

- Corrosion mechanisms
- Measurement and reporting

Day 4 Quality, safety and documentation

- Materials selection
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Coatings and linings
- Common mistakes and how to avoid them

10-day outline

Day 1 Atmospheric & Marine Corrosion: principles and standards

- Cathodic protection
- Group discussion and peer review

Day 2 Methods and tools in practice

- Monitoring and inspection
- Failure analysis cases

Day 3 Diagnosis and problem solving

- Corrosion mechanisms
- Measurement and reporting

Day 4 Quality, safety and documentation

- Materials selection
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan

- Coatings and linings
- 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)
8–12 Mar 2027	5-day online	Live online	English	2,950
13–17 Jun 2027	5-day classroom	Manama	Arabic	4,750
2–6 Aug 2027	5-day classroom	Paris	English	4,750
5–16 Sep 2027	10-day classroom	Cairo	English	8,950
7–11 Feb 2028	5-day classroom	Vienna	English	4,750
18–29 Sep 2028	10-day online	Live online	English	5,450
9–20 Oct 2028	10-day classroom	Paris	English	8,950
11–15 Dec 2028	5-day classroom	Dubai	Arabic	4,750
19–23 Feb 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
21–25 May 2029	5-day classroom	Casablanca	Arabic	4,750
20–24 Aug 2029	5-day online	Live online	Arabic	2,950
14–25 Oct 2029	10-day classroom	Kuwait City	English	8,950
1–5 Apr 2030	5-day classroom	Dubai	Arabic	4,750
9–13 Jun 2030	5-day classroom	Riyadh	Arabic	4,750
1–12 Jul 2030	10-day online	Live online	Arabic	5,450
12–23 Aug 2030	10-day classroom	London	English	8,950

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