Garnet
Garnet Global Training Center

GGT-CR-109

Corrosion, Coatings & Materials

Protective Coatings Technology

تكنولوجيا الطلاءات الواقية

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

Overview

Participants in Protective Coatings Technology 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. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Apply the methods and standards of Protective Coatings Technology 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

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 Protective Coatings Technology: principles and standards

- Monitoring and inspection
- Measurement and reporting

Day 2 Methods and tools in practice

- Failure analysis cases
- Corrosion mechanisms

Day 3 Diagnosis and problem solving

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

Day 4 Quality, safety and documentation

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

Day 5 Workshop, assessment and action plan

- Cathodic protection
- Regional and international case studies

10-day outline

Day 1 Protective Coatings Technology: principles and standards

- Monitoring and inspection
- Measurement and reporting

Day 2 Methods and tools in practice

- Failure analysis cases
- Corrosion mechanisms

Day 3 Diagnosis and problem solving

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

Day 4 Quality, safety and documentation

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

Day 5 Workshop, assessment and action plan

- Cathodic protection
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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 Feb 2027	5-day online	Live online	Arabic	2,950
4–15 Apr 2027	10-day classroom	Amman	Arabic	8,950
21–25 Jun 2027	5-day classroom	Dubai	English	4,750
20–24 Dec 2027	5-day classroom	Istanbul	English	4,750
14–18 Feb 2028	5-day classroom	Kuala Lumpur	English	4,750
19–30 Jun 2028	10-day online	Live online	English	5,450
21–25 Aug 2028	5-day classroom	Dubai	English	4,750
18–29 Dec 2028	10-day classroom	Barcelona	English	8,950
9–13 Apr 2029	5-day classroom	London	English	4,750

Dates	Format	City	Language	Fee (USD)
13–24 May 2029	10-day classroom	Riyadh	English	8,950
4–8 Jun 2029	5-day online	Live online	English	2,950
6–10 Aug 2029	5-day classroom	Dubai	Arabic	4,750
13–17 Jan 2030	5-day classroom	Muscat	Arabic	4,750
11–15 Feb 2030	5-day classroom	Dubai	English	4,750
16–27 Jun 2030	10-day classroom	Riyadh	English	8,950
9–20 Dec 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/