Garnet
Garnet Global Training Center

GGT-CR-123

Corrosion, Coatings & Materials

Polymers & Elastomers for Engineers

البوليمرات والمطاط للمهندسين

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

Overview

Participants in Polymers & Elastomers for Engineers 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 Polymers & Elastomers for Engineers 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

WhatsApp: +971 56 674 7382

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 Polymers & Elastomers for Engineers: principles and standards

- Cathodic protection
- Measurement and reporting

Day 2 Methods and tools in practice

- Monitoring and inspection
- Failure analysis cases

Day 3 Diagnosis and problem solving

- Corrosion mechanisms
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Materials selection
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Coatings and linings
- Regional and international case studies

10-day outline

Day 1 Polymers & Elastomers for Engineers: principles and standards

- Cathodic protection
- Measurement and reporting

Day 2 Methods and tools in practice

- Monitoring and inspection
- Failure analysis cases

Day 3 Diagnosis and problem solving

- Corrosion mechanisms
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Materials selection
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Coatings and linings
- 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)
7–11 Feb 2027	5-day classroom	Jeddah	Arabic	4,750
2–6 May 2027	5-day classroom	Riyadh	Arabic	4,750
21 Jun – 2 Jul 2027	10-day classroom	Casablanca	Arabic	8,950
9–13 Aug 2027	5-day online	Live online	Arabic	2,950
13–24 Feb 2028	10-day classroom	Amman	English	8,950
5–9 Mar 2028	5-day classroom	Doha	Arabic	4,750
3–14 Apr 2028	10-day online	Live online	English	5,450
8–12 May 2028	5-day classroom	Dubai	Arabic	4,750
21 Jan – 1 Feb 2029	10-day classroom	Cairo	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
4–8 Mar 2029	5-day classroom	Jeddah	English	4,750
3–7 Jun 2029	5-day classroom	Riyadh	English	4,750
3–7 Dec 2029	5-day online	Live online	Arabic	2,950
11–15 Mar 2030	5-day classroom	Abu Dhabi	Arabic	4,750
10–21 Jun 2030	10-day online	Live online	English	5,450
18–22 Nov 2030	5-day classroom	Barcelona	English	4,750
2–13 Dec 2030	10-day classroom	Vienna	English	8,950

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