Garnet
Garnet Global Training Center

GGT-CR-120

Corrosion, Coatings & Materials **Rare specialisation**

Creep & High-Temperature Materials

الزحف والمواد عالية الحرارة

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

Overview

Participants in Creep & High-Temperature Materials 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. 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 Creep & High-Temperature Materials to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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 Creep & High-Temperature Materials: principles and standards

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

Day 2 Methods and tools in practice

- Coatings and linings
- Cathodic protection

Day 3 Diagnosis and problem solving

- Monitoring and inspection
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Failure analysis cases
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Corrosion mechanisms
- Checklists and templates to take away

10-day outline

Day 1 Creep & High-Temperature Materials: principles and standards

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

Day 2 Methods and tools in practice

- Coatings and linings
- Cathodic protection

Day 3 Diagnosis and problem solving

- Monitoring and inspection
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Failure analysis cases
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Corrosion mechanisms
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
1–5 Feb 2027	5-day classroom	Geneva	English	4,750
13–24 Jun 2027	10-day classroom	Jeddah	Arabic	8,950
8–12 Nov 2027	5-day online	Live online	English	2,950
6–10 Dec 2027	5-day classroom	Dubai	Arabic	4,750
8–19 May 2028	10-day classroom	Kuala Lumpur	English	8,950
13–17 Aug 2028	5-day classroom	Kuwait City	Arabic	4,750
18–29 Sep 2028	10-day online	Live online	English	5,450
2–6 Oct 2028	5-day classroom	Dubai	English	4,750
18–22 Feb 2029	5-day classroom	Riyadh	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
9–20 Apr 2029	10-day classroom	Kuala Lumpur	English	8,950
4–8 Jun 2029	5-day online	Live online	English	2,950
12–16 Nov 2029	5-day classroom	Casablanca	Arabic	4,750
15–19 Jul 2030	5-day classroom	Barcelona	English	4,750
12–16 Aug 2030	5-day classroom	Abu Dhabi	English	4,750
2–13 Sep 2030	10-day online	Live online	Arabic	5,450
14–25 Oct 2030	10-day classroom	Dubai	English	8,950

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