Garnet
Garnet Global Training Center

GGT-RL-118

Railways & Metro Systems **Rare specialisation**

High-Speed Rail

القطارات فائقة السرعة

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

Overview

Participants in High-Speed Rail practise the methods, tools and standards they need to perform reliably and solve problems on the job. Operation, maintenance and safety of rail, metro and tram systems. 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 High-Speed Rail 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

Rail operators, rolling stock and infrastructure engineers, signalling and safety staff. Practitioners with one to five years of experience benefit most.

Key topics

- Railway systems overview
- Rolling stock
- Track and infrastructure
- Signalling and control
- Operations and timetabling
- Safety and assurance

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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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 High-Speed Rail: principles and standards
- Safety and assurance
- Group discussion and peer review

Day 2 Methods and tools in practice
- Railway systems overview
- Rolling stock

Day 3 Diagnosis and problem solving
- Track and infrastructure
- Measurement and reporting

Day 4 Quality, safety and documentation
- Signalling and control
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Operations and timetabling
- Common mistakes and how to avoid them

10-day outline

Day 1 High-Speed Rail: principles and standards
- Safety and assurance
- Group discussion and peer review

Day 2 Methods and tools in practice
- Railway systems overview
- Rolling stock

Day 3 Diagnosis and problem solving
- Track and infrastructure
- Measurement and reporting

Day 4 Quality, safety and documentation
- Signalling and control
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Operations and timetabling
- 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 Feb 2027	5-day online	Live online	English	2,950
18–22 Apr 2027	5-day classroom	Cairo	English	4,750
14–18 Nov 2027	5-day classroom	Riyadh	Arabic	4,750
6–17 Dec 2027	10-day classroom	Barcelona	English	8,950
10–14 Apr 2028	5-day classroom	London	English	4,750
20–31 Aug 2028	10-day classroom	Cairo	Arabic	8,950
2–6 Oct 2028	5-day classroom	Dubai	Arabic	4,750
4–15 Dec 2028	10-day online	Live online	English	5,450
15–19 Jan 2029	5-day online	Live online	Arabic	2,950
18–22 Feb 2029	5-day classroom	Cairo	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day classroom	Paris	English	4,750
11–22 Jun 2029	10-day classroom	Kuala Lumpur	English	8,950
14–18 Jan 2030	5-day classroom	Istanbul	English	4,750
21 Apr – 2 May 2030	10-day classroom	Cairo	Arabic	8,950
9–20 Sep 2030	10-day online	Live online	English	5,450
4–8 Nov 2030	5-day classroom	Kuala Lumpur	English	4,750

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