Garnet
Garnet Global Training Center

GGT-RL-105

Railways & Metro Systems **Rare specialisation**

Railway Signalling Systems

أنظمة الإشارات للسكك الحديدية

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

Overview

Participants in Railway Signalling Systems 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. 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 Railway Signalling Systems to real tasks.
- Diagnose common problems and identify root causes.
- 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.

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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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 Railway Signalling Systems: principles and standards

- Signalling and control
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Operations and timetabling
- Safety and assurance

Day 3 Diagnosis and problem solving

- Railway systems overview
- Regional and international case studies

Day 4 Quality, safety and documentation

- Rolling stock
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Track and infrastructure
- Group discussion and peer review

10-day outline

Day 1 Railway Signalling Systems: principles and standards

- Signalling and control
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Operations and timetabling
- Safety and assurance

Day 3 Diagnosis and problem solving

- Railway systems overview
- Regional and international case studies

Day 4 Quality, safety and documentation

- Rolling stock
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Track and infrastructure
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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 Mar 2027	5-day online	Live online	Arabic	2,950
4–15 Apr 2027	10-day classroom	Cairo	English	8,950
7–11 Jun 2027	5-day classroom	London	English	4,750
17–21 Oct 2027	5-day classroom	Muscat	Arabic	4,750
20–24 Mar 2028	5-day classroom	Kuala Lumpur	English	4,750
8–19 May 2028	10-day classroom	Abu Dhabi	English	8,950
12–23 Jun 2028	10-day online	Live online	Arabic	5,450
18–22 Dec 2028	5-day classroom	Dubai	English	4,750
18 Feb – 1 Mar 2029	10-day classroom	Jeddah	English	8,950

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day classroom	Casablanca	Arabic	4,750
19–23 Nov 2029	5-day online	Live online	English	2,950
17–21 Dec 2029	5-day classroom	London	English	4,750
17–21 Feb 2030	5-day classroom	Manama	English	4,750
12–23 Aug 2030	10-day classroom	Istanbul	English	8,950
21 Oct – 1 Nov 2030	10-day online	Live online	Arabic	5,450
2–6 Dec 2030	5-day classroom	London	English	4,750

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