Garnet
Garnet Global Training Center

GGT-RL-109

Railways & Metro Systems **Rare specialisation**

RAMS for Railways

للسكك (RAMS) الاعتمادية والإتاحة والصيانة والسلامة

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

Overview

RAMS for Railways focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 RAMS for Railways to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

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 RAMS for Railways: principles and standards
- Railway systems overview
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Rolling stock
- Track and infrastructure

Day 3 Diagnosis and problem solving
- Signalling and control
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Operations and timetabling
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Safety and assurance
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 RAMS for Railways: principles and standards
- Railway systems overview
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Rolling stock
- Track and infrastructure

Day 3 Diagnosis and problem solving
- Signalling and control
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Operations and timetabling
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Safety and assurance
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
19–30 Apr 2027	10-day classroom	Dubai	English	8,950
9–13 May 2027	5-day classroom	Riyadh	Arabic	4,750
14–18 Jun 2027	5-day online	Live online	Arabic	2,950
18–22 Oct 2027	5-day classroom	Kuala Lumpur	English	4,750
10–14 Jan 2028	5-day classroom	Amsterdam	English	4,750
20–24 Mar 2028	5-day classroom	Dubai	English	4,750
12–23 Jun 2028	10-day classroom	Istanbul	English	8,950
13–24 Nov 2028	10-day online	Live online	Arabic	5,450
15–19 Jan 2029	5-day classroom	Istanbul	English	4,750
12–16 Aug 2029	5-day classroom	Riyadh	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
1–5 Oct 2029	5-day online	Live online	Arabic	2,950
12–23 Nov 2029	10-day classroom	Paris	English	8,950
21–25 Jan 2030	5-day classroom	Istanbul	English	4,750
6–10 May 2030	5-day classroom	Dubai	English	4,750
9–20 Sep 2030	10-day online	Live online	Arabic	5,450
4–15 Nov 2030	10-day classroom	Paris	English	8,950

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