Garnet
Garnet Global Training Center

GGT-RL-112

Railways & Metro Systems **Rare specialisation**

Tram & Light Rail Systems

أنظمة الترام والقطارات الخفيفة

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

Overview

Tram & Light Rail Systems turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. 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 Tram & Light Rail Systems 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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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 Tram & Light Rail 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 Tram & Light Rail 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)
15–26 Mar 2027	10-day classroom	Amsterdam	English	8,950
19–23 Apr 2027	5-day classroom	Kuala Lumpur	English	4,750
10–14 May 2027	5-day classroom	Dubai	English	4,750
11–15 Oct 2027	5-day online	Live online	English	2,950
10–21 Jan 2028	10-day online	Live online	Arabic	5,450
6–17 Feb 2028	10-day classroom	Manama	English	8,950
17–21 Jul 2028	5-day classroom	Dubai	Arabic	4,750
3–7 Sep 2028	5-day classroom	Muscat	Arabic	4,750
5–9 Feb 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day classroom	Barcelona	English	4,750
17–21 Sep 2029	5-day online	Live online	Arabic	2,950
12–23 Nov 2029	10-day classroom	Kuala Lumpur	English	8,950
20–31 Jan 2030	10-day classroom	Manama	Arabic	8,950
18 Feb – 1 Mar 2030	10-day online	Live online	Arabic	5,450
1–5 Apr 2030	5-day classroom	Istanbul	English	4,750
11–15 Nov 2030	5-day classroom	Paris	English	4,750

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