Garnet
Garnet Global Training Center

GGT-RL-120

Railways & Metro Systems **Rare specialisation** **New from 2030**

Hyperloop & Future Rail Technologies

الهايبرلوب وتقنيات السكك المستقبلية

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

Overview

Participants in Hyperloop & Future Rail Technologies 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 Hyperloop & Future Rail Technologies 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 Hyperloop & Future Rail Technologies: principles and standards

- Safety and assurance
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Railway systems overview
- Rolling stock

Day 3 Diagnosis and problem solving

- Track and infrastructure
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Signalling and control
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Operations and timetabling
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Hyperloop & Future Rail Technologies: principles and standards

- Safety and assurance
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Railway systems overview
- Rolling stock

Day 3 Diagnosis and problem solving

- Track and infrastructure
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Signalling and control
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Operations and timetabling
- 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)
18–22 Feb 2030	5-day classroom	Casablanca	English	4,750
15–19 Apr 2030	5-day classroom	Kuala Lumpur	English	4,750
10–21 Jun 2030	10-day online	Live online	Arabic	5,450
17–28 Nov 2030	10-day classroom	Muscat	Arabic	8,950

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