Garnet
Garnet Global Training Center

GGT-RL-106

Railways & Metro Systems **Rare specialisation**

CBTC Train Control

التحكم في القطارات بنظام CBTC

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

Overview

CBTC Train Control equips managers and specialists to plan, organise and control this area of work, set targets and measure results. 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

- Set up and run CBTC Train Control as a managed process with clear roles.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.

Who should attend

Rail operators, rolling stock and infrastructure engineers, signalling and safety staff. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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

WhatsApp: +971 56 674 7382

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 CBTC Train Control: the management framework
- Safety and assurance
- Group discussion and peer review

Day 2 Planning, resources and budgets
- Railway systems overview
- Rolling stock

Day 3 Performance measurement and control
- Track and infrastructure
- Measurement and reporting

Day 4 Risk, compliance and improvement
- Signalling and control
- Hands-on workshop on a workplace challenge

Day 5 Management case study and action plan
- Operations and timetabling
- Common mistakes and how to avoid them

10-day outline

Day 1 CBTC Train Control: the management framework
- Safety and assurance
- Group discussion and peer review

Day 2 Planning, resources and budgets
- Railway systems overview
- Rolling stock

Day 3 Performance measurement and control
- Track and infrastructure
- Measurement and reporting

Day 4 Risk, compliance and improvement
- Signalling and control
- Hands-on workshop on a workplace challenge

Day 5 Management case study 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)
15–26 Mar 2027	10-day classroom	Dubai	Arabic	8,950
10–14 May 2027	5-day online	Live online	English	2,950
6–10 Sep 2027	5-day classroom	Barcelona	English	4,750
14–18 Nov 2027	5-day classroom	Amman	Arabic	4,750
21 Feb – 3 Mar 2028	10-day online	Live online	Arabic	5,450
21–25 Aug 2028	5-day classroom	Paris	English	4,750
17–28 Sep 2028	10-day classroom	Doha	English	8,950
18–22 Dec 2028	5-day classroom	Amsterdam	English	4,750
8–12 Apr 2029	5-day classroom	Cairo	English	4,750
18–22 Jun 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
17–28 Sep 2029	10-day classroom	Dubai	Arabic	8,950
1–5 Oct 2029	5-day classroom	Amsterdam	English	4,750
15–19 Jul 2030	5-day classroom	London	English	4,750
12–16 Aug 2030	5-day classroom	Dubai	English	4,750
1–12 Sep 2030	10-day classroom	Jeddah	English	8,950
2–13 Dec 2030	10-day online	Live online	Arabic	5,450

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