Garnet
Garnet Global Training Center

GGT-RL-110

Railways & Metro Systems **Rare specialisation**

# Timetabling & Capacity Planning

إعداد جداول التشغيل وتخطيط السعة

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

## Overview

Timetabling & Capacity Planning helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. 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

- Set up and run Timetabling & Capacity Planning 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

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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 Timetabling & Capacity Planning: the management framework

- Operations and timetabling
- Checklists and templates to take away

### Day 2 Planning, resources and budgets

- Safety and assurance
- Railway systems overview

### Day 3 Performance measurement and control

- Rolling stock
- Group discussion and peer review

### Day 4 Risk, compliance and improvement

- Track and infrastructure
- Measurement and reporting

### Day 5 Management case study and action plan

- Signalling and control
- Hands-on workshop on a workplace challenge

## 10-day outline

### Day 1 Timetabling & Capacity Planning: the management framework

- Operations and timetabling
- Checklists and templates to take away

### Day 2 Planning, resources and budgets

- Safety and assurance
- Railway systems overview

### Day 3 Performance measurement and control

- Rolling stock
- Group discussion and peer review

### Day 4 Risk, compliance and improvement

- Track and infrastructure
- Measurement and reporting

### Day 5 Management case study and action plan

- Signalling and control
- 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) |
|---|---|---|---|---|
| 4–8 Jan 2027 | 5-day classroom | Dubai | English | 4,750 |
| 15–19 Feb 2027 | 5-day online | Live online | English | 2,950 |
| 6–17 Sep 2027 | 10-day classroom | Istanbul | English | 8,950 |
| 3–7 Oct 2027 | 5-day classroom | Kuwait City | Arabic | 4,750 |
| 13–17 Mar 2028 | 5-day classroom | Paris | English | 4,750 |
| 10–14 Jul 2028 | 5-day classroom | Dubai | Arabic | 4,750 |
| 7–18 Aug 2028 | 10-day classroom | Kuala Lumpur | English | 8,950 |
| 2–13 Oct 2028 | 10-day online | Live online | Arabic | 5,450 |
| 21–25 May 2029 | 5-day classroom | Dubai | English | 4,750 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 18–22 Jun 2029 | 5-day online | Live online | Arabic | 2,950 |
| 9–20 Jul 2029 | 10-day classroom | Paris | English | 8,950 |
| 17–21 Sep 2029 | 5-day classroom | Singapore | English | 4,750 |
| 1–12 Apr 2030 | 10-day online | Live online | Arabic | 5,450 |
| 1–5 Jul 2030 | 5-day classroom | Dubai | Arabic | 4,750 |
| 15–19 Sep 2030 | 5-day classroom | Jeddah | Arabic | 4,750 |
| 14–25 Oct 2030 | 10-day classroom | Singapore | English | 8,950 |

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