Garnet
Garnet Global Training Center

GGT-TC-105

Telecommunications

Spectrum Management & Regulation

إدارة الطيف الترددي وتنظيمه

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

Overview

Spectrum Management & Regulation equips managers and specialists to plan, organise and control this area of work, set targets and measure results. Network, spectrum and service programs for operators and enterprise telecom teams. 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 Spectrum Management & Regulation as a managed process with clear roles.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.

Who should attend

Telecom engineers, network planners, operations and regulatory staff. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

Key topics

- Network architecture
- Radio and spectrum
- Fibre and transmission
- Service assurance
- Regulation and licensing
- Emerging technologies

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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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 Spectrum Management & Regulation: the management framework

- Radio and spectrum
- Regional and international case studies

Day 2 Planning, resources and budgets

- Fibre and transmission
- Service assurance

Day 3 Performance measurement and control

- Regulation and licensing
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Emerging technologies
- Group discussion and peer review

Day 5 Management case study and action plan

- Network architecture
- Measurement and reporting

10-day outline

Day 1 Spectrum Management & Regulation: the management framework

- Radio and spectrum
- Regional and international case studies

Day 2 Planning, resources and budgets

- Fibre and transmission
- Service assurance

Day 3 Performance measurement and control

- Regulation and licensing
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Emerging technologies
- Group discussion and peer review

Day 5 Management case study and action plan

- Network architecture
- Measurement and reporting

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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)
1–5 Feb 2027	5-day online	Live online	Arabic	2,950
19–30 Jul 2027	10-day classroom	Dubai	Arabic	8,950
9–13 Aug 2027	5-day classroom	Istanbul	English	4,750
5–9 Sep 2027	5-day classroom	Muscat	Arabic	4,750
20–31 Mar 2028	10-day online	Live online	Arabic	5,450
9–13 Apr 2028	5-day classroom	Muscat	English	4,750
16–27 Jul 2028	10-day classroom	Riyadh	Arabic	8,950
11–15 Sep 2028	5-day classroom	Istanbul	English	4,750
1–5 Jan 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
18–22 Feb 2029	5-day classroom	Kuwait City	Arabic	4,750
18–22 Mar 2029	5-day classroom	Riyadh	English	4,750
10–21 Dec 2029	10-day classroom	Abu Dhabi	Arabic	8,950
6–10 Jan 2030	5-day classroom	Doha	English	4,750
11–22 Mar 2030	10-day classroom	Dubai	Arabic	8,950
10–14 Jun 2030	5-day classroom	Amsterdam	English	4,750
2–13 Sep 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/