Garnet
Garnet Global Training Center

GGT-TC-103

Telecommunications

RF Planning & Optimisation

تخطيط وتحسين الترددات الراديوية

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

Overview

RF Planning & Optimisation helps participants move from doing the work to managing it, with planning tools, control methods and reporting that management trusts. Network, spectrum and service programs for operators and enterprise telecom teams. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Set up and run RF Planning & Optimisation as a managed process with clear roles.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.
- Lead improvement projects and measure their benefit.
- Report clearly to senior management and stakeholders.

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

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 RF Planning & Optimisation: the management framework

- Regulation and licensing
- Regional and international case studies

Day 2 Planning, resources and budgets

- Emerging technologies
- Network architecture

Day 3 Performance measurement and control

- Radio and spectrum
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Fibre and transmission
- Group discussion and peer review

Day 5 Management case study and action plan

- Service assurance
- Measurement and reporting

10-day outline

Day 1 RF Planning & Optimisation: the management framework

- Regulation and licensing
- Regional and international case studies

Day 2 Planning, resources and budgets

- Emerging technologies
- Network architecture

Day 3 Performance measurement and control

- Radio and spectrum
- Checklists and templates to take away

Day 4 Risk, compliance and improvement

- Fibre and transmission
- Group discussion and peer review

Day 5 Management case study and action plan

- Service assurance
- 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)
12–16 Apr 2027	5-day classroom	London	English	4,750
20–24 Sep 2027	5-day online	Live online	English	2,950
21 Nov – 2 Dec 2027	10-day classroom	Doha	Arabic	8,950
6–10 Dec 2027	5-day classroom	Dubai	Arabic	4,750
3–7 Jan 2028	5-day classroom	Dubai	English	4,750
13–24 Mar 2028	10-day classroom	Paris	English	8,950
1–12 May 2028	10-day online	Live online	Arabic	5,450
17–21 Jul 2028	5-day classroom	London	English	4,750
18–22 Feb 2029	5-day classroom	Riyadh	English	4,750

Dates	Format	City	Language	Fee (USD)
19–30 Mar 2029	10-day classroom	Istanbul	English	8,950
2–6 Jul 2029	5-day online	Live online	English	2,950
5–9 Nov 2029	5-day classroom	Amsterdam	English	4,750
20–24 May 2030	5-day classroom	Abu Dhabi	English	4,750
3–7 Jun 2030	5-day classroom	Amsterdam	English	4,750
1–12 Jul 2030	10-day classroom	Vienna	English	8,950
9–20 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/