Garnet
Garnet Global Training Center

GGT-TC-101

Telecommunications

5G Networks Planning & Deployment

تخطيط ونشر شبكات الجيل الخامس

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

Overview

This program treats 5G Networks Planning & Deployment as a managed system: policies, roles, resources, performance indicators and continual improvement. Network, spectrum and service programs for operators and enterprise telecom teams. 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 5G Networks Planning & Deployment 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

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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 5G Networks Planning & Deployment: the management framework

- Emerging technologies
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Network architecture
- Radio and spectrum

Day 3 Performance measurement and control

- Fibre and transmission
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Service assurance
- Regional and international case studies

Day 5 Management case study and action plan

- Regulation and licensing
- Checklists and templates to take away

10-day outline

Day 1 5G Networks Planning & Deployment: the management framework

- Emerging technologies
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Network architecture
- Radio and spectrum

Day 3 Performance measurement and control

- Fibre and transmission
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Service assurance
- Regional and international case studies

Day 5 Management case study and action plan

- Regulation and licensing
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
3–7 Jan 2027	5-day classroom	Riyadh	English	4,750
10–14 May 2027	5-day classroom	Kuala Lumpur	English	4,750
2–6 Aug 2027	5-day online	Live online	English	2,950
4–15 Oct 2027	10-day classroom	Abu Dhabi	English	8,950
1–12 May 2028	10-day online	Live online	English	5,450
21–25 Aug 2028	5-day classroom	Barcelona	English	4,750
9–20 Oct 2028	10-day classroom	Istanbul	English	8,950
20–24 Nov 2028	5-day classroom	Dubai	English	4,750
19 Feb – 2 Mar 2029	10-day classroom	Dubai	English	8,950

Dates	Format	City	Language	Fee (USD)
12–16 Mar 2029	5-day online	Live online	Arabic	2,950
6–10 May 2029	5-day classroom	Doha	Arabic	4,750
2–6 Sep 2029	5-day classroom	Riyadh	Arabic	4,750
8–19 Apr 2030	10-day classroom	Geneva	English	8,950
14–18 Jul 2030	5-day classroom	Kuwait City	English	4,750
16–27 Sep 2030	10-day online	Live online	English	5,450
6–10 Oct 2030	5-day classroom	Riyadh	Arabic	4,750

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