Garnet
Garnet Global Training Center

GGT-TC-112

Telecommunications **Rare specialisation** **New from 2030**

6G & Future Networks

الجيل السادس وشبكات المستقبل

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

Overview

Participants in 6G & Future Networks practise the methods, tools and standards they need to perform reliably and solve problems on the job. 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

- Apply the methods and standards of 6G & Future Networks to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

Who should attend

Telecom engineers, network planners, operations and regulatory staff. Practitioners with one to five years of experience benefit most.

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 6G & Future Networks: principles and standards
- Emerging technologies
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Network architecture
- Radio and spectrum

Day 3 Diagnosis and problem solving
- Fibre and transmission
- Regional and international case studies

Day 4 Quality, safety and documentation
- Service assurance
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Regulation and licensing
- Group discussion and peer review

10-day outline

Day 1 6G & Future Networks: principles and standards
- Emerging technologies
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Network architecture
- Radio and spectrum

Day 3 Diagnosis and problem solving
- Fibre and transmission
- Regional and international case studies

Day 4 Quality, safety and documentation
- Service assurance
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Regulation and licensing
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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 Feb 2030	5-day classroom	Amsterdam	English	4,750
19–23 Aug 2030	5-day classroom	Kuala Lumpur	English	4,750
9–20 Sep 2030	10-day online	Live online	Arabic	5,450
17–28 Nov 2030	10-day classroom	Muscat	English	8,950

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