Garnet
Garnet Global Training Center

GGT-TC-107

Telecommunications

IP/MPLS Networking

شبكات IP/MPLS

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

Overview

IP/MPLS Networking focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 IP/MPLS Networking 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 IP/MPLS Networking: principles and standards
- Network architecture
- Measurement and reporting

Day 2 Methods and tools in practice
- Radio and spectrum
- Fibre and transmission

Day 3 Diagnosis and problem solving
- Service assurance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Regulation and licensing
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Emerging technologies
- Regional and international case studies

10-day outline

Day 1 IP/MPLS Networking: principles and standards
- Network architecture
- Measurement and reporting

Day 2 Methods and tools in practice
- Radio and spectrum
- Fibre and transmission

Day 3 Diagnosis and problem solving
- Service assurance
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Regulation and licensing
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Emerging technologies
- Regional and international case studies

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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 classroom	Paris	English	4,750
8–12 Mar 2027	5-day online	Live online	Arabic	2,950
13–17 Jun 2027	5-day classroom	Riyadh	Arabic	4,750
9–20 Aug 2027	10-day classroom	London	English	8,950
3–14 Jan 2028	10-day classroom	Amsterdam	English	8,950
15–19 May 2028	5-day classroom	Geneva	English	4,750
4–15 Sep 2028	10-day online	Live online	English	5,450
10–14 Dec 2028	5-day classroom	Amman	English	4,750
21–25 Jan 2029	5-day classroom	Riyadh	English	4,750
12–23 Feb 2029	10-day classroom	Dubai	English	8,950

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day online	Live online	Arabic	2,950
15–19 Oct 2029	5-day classroom	London	English	4,750
19–30 May 2030	10-day classroom	Manama	English	8,950
21–25 Oct 2030	5-day classroom	Dubai	Arabic	4,750
4–15 Nov 2030	10-day online	Live online	Arabic	5,450
8–12 Dec 2030	5-day classroom	Kuwait City	Arabic	4,750

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