Garnet
Garnet Global Training Center

GGT-TC-115

Telecommunications

Microwave Transmission

الإرسال بالموجات الدقيقة

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

Overview

Participants in Microwave Transmission 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. 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

- Apply the methods and standards of Microwave Transmission to real tasks.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.

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

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 Microwave Transmission: principles and standards

- Network architecture
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Radio and spectrum
- Fibre and transmission

Day 3 Diagnosis and problem solving

- Service assurance
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Regulation and licensing
- Measurement and reporting

Day 5 Workshop, assessment and action plan

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

10-day outline

Day 1 Microwave Transmission: principles and standards

- Network architecture
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Radio and spectrum
- Fibre and transmission

Day 3 Diagnosis and problem solving

- Service assurance
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Regulation and licensing
- Measurement and reporting

Day 5 Workshop, assessment and action plan

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

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
5–16 Apr 2027	10-day classroom	Dubai	English	8,950
2–6 Aug 2027	5-day classroom	Abu Dhabi	English	4,750
6–10 Sep 2027	5-day classroom	Geneva	English	4,750
15–19 Nov 2027	5-day online	Live online	English	2,950
14–18 May 2028	5-day classroom	Kuwait City	Arabic	4,750
11–15 Jun 2028	5-day classroom	Amman	Arabic	4,750
18–29 Sep 2028	10-day online	Live online	English	5,450
18–29 Dec 2028	10-day classroom	Abu Dhabi	Arabic	8,950
5–9 Feb 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
19–23 Mar 2029	5-day classroom	Dubai	English	4,750
8–19 Apr 2029	10-day classroom	Manama	English	8,950
21–25 May 2029	5-day classroom	Istanbul	English	4,750
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
4–8 Mar 2030	5-day classroom	Barcelona	English	4,750
5–16 Aug 2030	10-day classroom	Dubai	English	8,950
4–8 Nov 2030	5-day classroom	Geneva	English	4,750

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