Garnet
Garnet Global Training Center

GGT-TC-111

Telecommunications

IoT Connectivity

الاتصال في إنترنت الأشياء

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

Overview

Participants in IoT Connectivity 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. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of IoT Connectivity to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

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 IoT Connectivity: principles and standards
- Regulation and licensing
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Emerging technologies
- Network architecture

Day 3 Diagnosis and problem solving
- Radio and spectrum
- Regional and international case studies

Day 4 Quality, safety and documentation
- Fibre and transmission
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Service assurance
- Group discussion and peer review

10-day outline

Day 1 IoT Connectivity: principles and standards
- Regulation and licensing
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice
- Emerging technologies
- Network architecture

Day 3 Diagnosis and problem solving
- Radio and spectrum
- Regional and international case studies

Day 4 Quality, safety and documentation
- Fibre and transmission
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan
- Service assurance
- 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)
7–18 Mar 2027	10-day classroom	Cairo	English	8,950
4–8 Apr 2027	5-day classroom	Amman	English	4,750
7–11 Jun 2027	5-day classroom	Paris	English	4,750
20–24 Dec 2027	5-day online	Live online	English	2,950
13–24 Feb 2028	10-day classroom	Cairo	English	8,950
17–28 Apr 2028	10-day online	Live online	Arabic	5,450
5–9 Jun 2028	5-day classroom	Casablanca	English	4,750
18–22 Sep 2028	5-day classroom	Dubai	Arabic	4,750
7–11 May 2029	5-day classroom	Abu Dhabi	English	4,750
16–20 Jul 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
7–11 Oct 2029	5-day classroom	Kuwait City	Arabic	4,750
3–14 Dec 2029	10-day classroom	Istanbul	English	8,950
10–21 Jun 2030	10-day online	Live online	Arabic	5,450
15–19 Jul 2030	5-day classroom	Amsterdam	English	4,750
18–29 Nov 2030	10-day classroom	Istanbul	English	8,950
15–19 Dec 2030	5-day classroom	Cairo	Arabic	4,750

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