Garnet
Garnet Global Training Center

GGT-SA-102

Space & Satellite Applications **Rare specialisation**

Satellite Communications Systems

أنظمة الاتصالات عبر الأقمار الصناعية

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

Overview

Participants in Satellite Communications Systems practise the methods, tools and standards they need to perform reliably and solve problems on the job. The fast-growing space sector: satellites, earth observation and space business. 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 Satellite Communications Systems 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

Engineers, analysts, policy makers and managers entering the space sector. Practitioners with one to five years of experience benefit most.

Key topics

- Space systems basics
- Satellite missions
- Earth observation data
- Space policy and law
- Space business
- Applications on the ground

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 Satellite Communications Systems: principles and standards

- Space policy and law
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Space business
- Applications on the ground

Day 3 Diagnosis and problem solving

- Space systems basics
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Satellite missions
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Earth observation data
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Satellite Communications Systems: principles and standards

- Space policy and law
- Checklists and templates to take away

Day 2 Methods and tools in practice

- Space business
- Applications on the ground

Day 3 Diagnosis and problem solving

- Space systems basics
- Group discussion and peer review

Day 4 Quality, safety and documentation

- Satellite missions
- Measurement and reporting

Day 5 Workshop, assessment and action plan

- Earth observation data
- 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)
15–19 Feb 2027	5-day classroom	Kuala Lumpur	English	4,750
7–11 Jun 2027	5-day online	Live online	Arabic	2,950
11–22 Jul 2027	10-day classroom	Jeddah	Arabic	8,950
14–18 Nov 2027	5-day classroom	Riyadh	Arabic	4,750
10–14 Jan 2028	5-day classroom	Amsterdam	English	4,750
7–18 Feb 2028	10-day online	Live online	Arabic	5,450
21 May – 1 Jun 2028	10-day classroom	Jeddah	Arabic	8,950
11–15 Jun 2028	5-day classroom	Manama	English	4,750
2–6 Jul 2029	5-day classroom	Amsterdam	English	4,750

Dates	Format	City	Language	Fee (USD)
10–14 Sep 2029	5-day online	Live online	Arabic	2,950
14–18 Oct 2029	5-day classroom	Muscat	Arabic	4,750
17–28 Dec 2029	10-day classroom	Barcelona	English	8,950
6–17 May 2030	10-day classroom	Istanbul	English	8,950
17–28 Jun 2030	10-day online	Live online	English	5,450
7–11 Jul 2030	5-day classroom	Amman	Arabic	4,750
8–12 Dec 2030	5-day classroom	Muscat	English	4,750

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