Garnet
Garnet Global Training Center

GGT-SA-110

Space & Satellite Applications **Rare specialisation**

Ground Station Operations

تشغيل المحطات الأرضية

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

Overview

Ground Station Operations turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. The fast-growing space sector: satellites, earth observation and space business. 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 Ground Station Operations 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

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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 Ground Station Operations: principles and standards

- Space business
- Group discussion and peer review

Day 2 Methods and tools in practice

- Applications on the ground
- Space systems basics

Day 3 Diagnosis and problem solving

- Satellite missions
- Measurement and reporting

Day 4 Quality, safety and documentation

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

Day 5 Workshop, assessment and action plan

- Space policy and law
- Common mistakes and how to avoid them

10-day outline

Day 1 Ground Station Operations: principles and standards

- Space business
- Group discussion and peer review

Day 2 Methods and tools in practice

- Applications on the ground
- Space systems basics

Day 3 Diagnosis and problem solving

- Satellite missions
- Measurement and reporting

Day 4 Quality, safety and documentation

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

Day 5 Workshop, assessment and action plan

- Space policy and law
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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)
8–12 Feb 2027	5-day classroom	Abu Dhabi	English	4,750
18–22 Jul 2027	5-day classroom	Manama	Arabic	4,750
2–6 Aug 2027	5-day online	Live online	Arabic	2,950
7–18 Nov 2027	10-day classroom	Kuwait City	English	8,950
3–14 Apr 2028	10-day online	Live online	Arabic	5,450
21 Aug – 1 Sep 2028	10-day classroom	Barcelona	English	8,950
3–7 Sep 2028	5-day classroom	Riyadh	English	4,750
12–16 Nov 2028	5-day classroom	Cairo	English	4,750
19–23 Feb 2029	5-day classroom	Singapore	English	4,750

Dates	Format	City	Language	Fee (USD)
19–30 Mar 2029	10-day classroom	Istanbul	English	8,950
10–14 Sep 2029	5-day online	Live online	Arabic	2,950
9–13 Dec 2029	5-day classroom	Manama	Arabic	4,750
7–18 Apr 2030	10-day classroom	Doha	Arabic	8,950
13–24 May 2030	10-day online	Live online	Arabic	5,450
17–21 Jun 2030	5-day classroom	Vienna	English	4,750
14–18 Jul 2030	5-day classroom	Riyadh	English	4,750

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