Garnet
Garnet Global Training Center

GGT-SA-103

Space & Satellite Applications **Rare specialisation**

Earth Observation & Satellite Data Analysis

رصد الأرض وتحليل بيانات 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 Earth Observation & Satellite Data Analysis 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. 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 Earth Observation & Satellite Data Analysis to real tasks.
- Diagnose common problems and identify root causes.
- 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.

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 Earth Observation & Satellite Data Analysis: principles and standards

- Space business
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Applications on the ground
- Space systems basics

Day 3 Diagnosis and problem solving

- Satellite missions
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Earth observation data
- Regional and international case studies

Day 5 Workshop, assessment and action plan

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

10-day outline

Day 1 Earth Observation & Satellite Data Analysis: principles and standards

- Space business
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Applications on the ground
- Space systems basics

Day 3 Diagnosis and problem solving

- Satellite missions
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Earth observation data
- Regional and international case studies

Day 5 Workshop, assessment and action plan

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

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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 Mar 2027	5-day online	Live online	Arabic	2,950
10–14 May 2027	5-day classroom	Geneva	English	4,750
11–22 Jul 2027	10-day classroom	Doha	Arabic	8,950
4–8 Oct 2027	5-day classroom	Amsterdam	English	4,750
16–27 Jan 2028	10-day classroom	Muscat	English	8,950
10–14 Jul 2028	5-day classroom	Dubai	English	4,750
11–22 Sep 2028	10-day online	Live online	English	5,450
16–20 Oct 2028	5-day classroom	Istanbul	English	4,750
15–19 Jan 2029	5-day classroom	Abu Dhabi	English	4,750

Dates	Format	City	Language	Fee (USD)
12–23 Feb 2029	10-day classroom	Dubai	English	8,950
5–9 Mar 2029	5-day classroom	Paris	English	4,750
17–21 Dec 2029	5-day online	Live online	Arabic	2,950
21 Jan – 1 Feb 2030	10-day classroom	Geneva	English	8,950
15–26 Jul 2030	10-day online	Live online	English	5,450
11–15 Nov 2030	5-day classroom	Istanbul	English	4,750
16–20 Dec 2030	5-day classroom	Casablanca	English	4,750

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