Garnet
Garnet Global Training Center

GGT-SA-108

Space & Satellite Applications **Rare specialisation**

Satellite Navigation Applications

تطبيقات الملاحة عبر الأقمار الصناعية

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

Overview

Satellite Navigation Applications focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 Navigation Applications to real tasks.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.

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 Satellite Navigation Applications: principles and standards

- Space systems basics
- Measurement and reporting

Day 2 Methods and tools in practice

- Satellite missions
- Earth observation data

Day 3 Diagnosis and problem solving

- Space policy and law
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Space business
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Applications on the ground
- Regional and international case studies

10-day outline

Day 1 Satellite Navigation Applications: principles and standards

- Space systems basics
- Measurement and reporting

Day 2 Methods and tools in practice

- Satellite missions
- Earth observation data

Day 3 Diagnosis and problem solving

- Space policy and law
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Space business
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Applications on the ground
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
10–14 Jan 2027	5-day classroom	Muscat	Arabic	4,750
19–30 Apr 2027	10-day classroom	Amsterdam	English	8,950
16–20 Aug 2027	5-day classroom	Istanbul	English	4,750
20–24 Sep 2027	5-day online	Live online	English	2,950
21–25 Feb 2028	5-day classroom	Abu Dhabi	Arabic	4,750
6–17 Mar 2028	10-day classroom	Dubai	English	8,950
2–6 Jul 2028	5-day classroom	Riyadh	Arabic	4,750
4–15 Sep 2028	10-day online	Live online	Arabic	5,450
16–20 Apr 2029	5-day classroom	Dubai	Arabic	4,750

Dates	Format	City	Language	Fee (USD)
7–11 May 2029	5-day online	Live online	Arabic	2,950
4–8 Jun 2029	5-day classroom	Casablanca	English	4,750
20–31 Aug 2029	10-day classroom	Vienna	English	8,950
4–15 Feb 2030	10-day online	Live online	Arabic	5,450
4–15 Mar 2030	10-day classroom	Abu Dhabi	English	8,950
20–24 May 2030	5-day classroom	Paris	English	4,750
17–21 Nov 2030	5-day classroom	Kuwait City	English	4,750

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