Garnet
Garnet Global Training Center

GGT-SA-112

Space & Satellite Applications **Rare specialisation** **New from 2028**

Space Situational Awareness & Debris

التوعية بالوضع الفضائي والحطام الفضائي

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

Overview

Space Situational Awareness & Debris gives newcomers and non-specialists a clear, practical grounding: the core concepts, the vocabulary used on the job and the first tools to apply them. 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

- Explain the key concepts, terms and standards of Space Situational Awareness & Debris.
- Communicate confidently with specialists and colleagues.
- Plan the next steps in your own learning.
- Recognise the main hazards, errors and misconceptions newcomers face.
- Carry out basic tasks correctly using simple checklists and tools.

Who should attend

Engineers, analysts, policy makers and managers entering the space sector. No prior experience is required; it also suits new hires, graduates and staff moving into this field.

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 Introduction to Space Situational Awareness & Debris

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

Day 2 Core concepts and terminology

- Space business
- Applications on the ground

Day 3 Basic methods and tools

- Space systems basics
- Regional and international case studies

Day 4 Working safely and correctly

- Satellite missions
- Checklists and templates to take away

Day 5 Practical exercises and review

- Earth observation data
- Group discussion and peer review

10-day outline

Day 1 Introduction to Space Situational Awareness & Debris

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

Day 2 Core concepts and terminology

- Space business
- Applications on the ground

Day 3 Basic methods and tools

- Space systems basics
- Regional and international case studies

Day 4 Working safely and correctly

- Satellite missions
- Checklists and templates to take away

Day 5 Practical exercises and review

- Earth observation data
- 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)
9–13 Jan 2028	5-day classroom	Kuwait City	English	4,750
21 Feb – 3 Mar 2028	10-day classroom	Paris	English	8,950
21–25 Aug 2028	5-day classroom	Istanbul	English	4,750
6–17 Nov 2028	10-day online	Live online	English	5,450
12–16 Feb 2029	5-day online	Live online	Arabic	2,950
4–15 Jun 2029	10-day classroom	London	English	8,950
8–12 Jul 2029	5-day classroom	Doha	English	4,750
15–19 Oct 2029	5-day classroom	Barcelona	English	4,750
18–22 Mar 2030	5-day classroom	Kuala Lumpur	English	4,750

Dates	Format	City	Language	Fee (USD)
17–21 Jun 2030	5-day classroom	Istanbul	English	4,750
12–23 Aug 2030	10-day online	Live online	Arabic	5,450
2–13 Sep 2030	10-day classroom	Vienna	English	8,950

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