Garnet
Garnet Global Training Center

GGT-SA-105

Space & Satellite Applications **Rare specialisation**

Space Mission Design

تصميم مهمات الفضاء

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

Overview

Participants in Space Mission Design 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 Space Mission Design 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

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 Space Mission Design: principles and standards
- Space business
- Measurement and reporting

Day 2 Methods and tools in practice
- Applications on the ground
- Space systems basics

Day 3 Diagnosis and problem solving
- Satellite missions
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Earth observation data
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Space policy and law
- Regional and international case studies

10-day outline

Day 1 Space Mission Design: principles and standards
- Space business
- Measurement and reporting

Day 2 Methods and tools in practice
- Applications on the ground
- Space systems basics

Day 3 Diagnosis and problem solving
- Satellite missions
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation
- Earth observation data
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan
- Space policy and law
- 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)
7–11 Mar 2027	5-day classroom	Riyadh	English	4,750
17–21 May 2027	5-day classroom	Istanbul	English	4,750
4–8 Oct 2027	5-day online	Live online	English	2,950
1–12 Nov 2027	10-day classroom	Barcelona	English	8,950
13–17 Mar 2028	5-day classroom	Kuala Lumpur	English	4,750
3–14 Apr 2028	10-day online	Live online	English	5,450
20–24 Aug 2028	5-day classroom	Riyadh	English	4,750
20 Nov – 1 Dec 2028	10-day classroom	Casablanca	Arabic	8,950
15–19 Jan 2029	5-day classroom	Dubai	Arabic	4,750
21–25 May 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
4–8 Jun 2029	5-day classroom	Istanbul	English	4,750
7–18 Oct 2029	10-day classroom	Muscat	Arabic	8,950
7–11 Jan 2030	5-day classroom	London	English	4,750
20–24 May 2030	5-day classroom	Singapore	English	4,750
17–28 Jun 2030	10-day online	Live online	Arabic	5,450
9–20 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/