Garnet
Garnet Global Training Center

GGT-SA-115

Space & Satellite Applications **Rare specialisation** **New from 2030**

Lunar & Planetary Exploration Programs

برامج استكشاف القمر والكواكب

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

Overview

This program treats Lunar & Planetary Exploration Programs as a managed system: policies, roles, resources, performance indicators and continual improvement. The fast-growing space sector: satellites, earth observation and space business. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

What you will be able to do

- Set up and run Lunar & Planetary Exploration Programs as a managed process with clear roles.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.

Who should attend

Engineers, analysts, policy makers and managers entering the space sector. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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 Lunar & Planetary Exploration Programs: the management framework

- Space systems basics
- Common mistakes and how to avoid them

Day 2 Planning, resources and budgets

- Satellite missions
- Earth observation data

Day 3 Performance measurement and control

- Space policy and law
- Regional and international case studies

Day 4 Risk, compliance and improvement

- Space business
- Checklists and templates to take away

Day 5 Management case study and action plan

- Applications on the ground
- Group discussion and peer review

10-day outline

Day 1 Lunar & Planetary Exploration Programs: the management framework

- Space systems basics
- Common mistakes and how to avoid them

Day 2 Planning, resources and budgets

- Satellite missions
- Earth observation data

Day 3 Performance measurement and control

- Space policy and law
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Day 4 Risk, compliance and improvement

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- Checklists and templates to take away

Day 5 Management case study and action plan

- Applications on the ground
- 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)
13–24 Jan 2030	10-day classroom	Doha	Arabic	8,950
17–21 Mar 2030	5-day classroom	Cairo	Arabic	4,750
12–16 Aug 2030	5-day classroom	Dubai	Arabic	4,750
4–15 Nov 2030	10-day online	Live online	English	5,450

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