Garnet
Garnet Global Training Center

GGT-SA-116

Space & Satellite Applications | Rare specialisation | New from 2030

Space Medicine & Human Spaceflight

طب الفضاء ورحلات الفضاء المأهولة

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

Overview

Space Medicine & Human Spaceflight turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. 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 Medicine & Human Spaceflight 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

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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 Space Medicine & Human Spaceflight: principles and standards

- Earth observation data
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Space policy and law
- Space business

Day 3 Diagnosis and problem solving

- Applications on the ground
- Regional and international case studies

Day 4 Quality, safety and documentation

- Space systems basics
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Satellite missions
- Group discussion and peer review

10-day outline

Day 1 Space Medicine & Human Spaceflight: principles and standards

- Earth observation data
- Common mistakes and how to avoid them

Day 2 Methods and tools in practice

- Space policy and law
- Space business

Day 3 Diagnosis and problem solving

- Applications on the ground
- Regional and international case studies

Day 4 Quality, safety and documentation

- Space systems basics
- Checklists and templates to take away

Day 5 Workshop, assessment and action plan

- Satellite missions
- 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)
18–22 Feb 2030	5-day classroom	Barcelona	English	4,750
1–12 Apr 2030	10-day classroom	Dubai	Arabic	8,950
14–25 Oct 2030	10-day online	Live online	English	5,450
3–7 Nov 2030	5-day classroom	Cairo	Arabic	4,750

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