Garnet
Garnet Global Training Center

GGT-GE-118

Geoscience, Geology & Surveying

Remote Sensing & Satellite Imagery

الاستشعار عن بعد وصور الأقمار الصناعية

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

Overview

Remote Sensing & Satellite Imagery turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Geology, geophysics, GIS and surveying for energy, mining, water and construction projects. 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

- Apply the methods and standards of Remote Sensing & Satellite Imagery 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

Geologists, geophysicists, surveyors, GIS specialists and petroleum engineers. Practitioners with one to five years of experience benefit most.

Key topics

- Earth materials and structures
- Data acquisition
- Interpretation workflows
- Mapping and GIS
- Software tools
- Field case studies

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 Remote Sensing & Satellite Imagery: principles and standards

- Mapping and GIS
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Software tools
- Field case studies

Day 3 Diagnosis and problem solving

- Earth materials and structures
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Data acquisition
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Interpretation workflows
- Checklists and templates to take away

10-day outline

Day 1 Remote Sensing & Satellite Imagery: principles and standards

- Mapping and GIS
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice

- Software tools
- Field case studies

Day 3 Diagnosis and problem solving

- Earth materials and structures
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation

- Data acquisition
- Regional and international case studies

Day 5 Workshop, assessment and action plan

- Interpretation workflows
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
11–15 Jan 2027	5-day online	Live online	English	2,950
19–23 Jul 2027	5-day classroom	Dubai	Arabic	4,750
20 Sep – 1 Oct 2027	10-day classroom	London	English	8,950
11–15 Oct 2027	5-day classroom	Abu Dhabi	Arabic	4,750
7–11 Feb 2028	5-day classroom	Abu Dhabi	Arabic	4,750
6–17 Mar 2028	10-day classroom	Paris	English	8,950
3–14 Apr 2028	10-day online	Live online	Arabic	5,450
7–11 May 2028	5-day classroom	Jeddah	English	4,750
15–19 Jan 2029	5-day online	Live online	English	2,950

Dates	Format	City	Language	Fee (USD)
9–13 Apr 2029	5-day classroom	Kuala Lumpur	English	4,750
20–31 May 2029	10-day classroom	Kuwait City	English	8,950
17–21 Jun 2029	5-day classroom	Jeddah	Arabic	4,750
14–18 Apr 2030	5-day classroom	Manama	English	4,750
17–28 Jun 2030	10-day online	Live online	English	5,450
7–18 Jul 2030	10-day classroom	Kuwait City	English	8,950
11–15 Nov 2030	5-day classroom	Dubai	Arabic	4,750

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