Garnet
Garnet Global Training Center

GGT-GE-114

Geoscience, Geology & Surveying

Mineral Exploration

استكشاف الخامات

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

Overview

Participants in Mineral Exploration practise the methods, tools and standards they need to perform reliably and solve problems on the job. 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 Mineral Exploration to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

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

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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 Mineral Exploration: principles and standards
- Data acquisition
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice
- Interpretation workflows
- Mapping and GIS

Day 3 Diagnosis and problem solving
- Software tools
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation
- Field case studies
- Regional and international case studies

Day 5 Workshop, assessment and action plan
- Earth materials and structures
- Checklists and templates to take away

10-day outline

Day 1 Mineral Exploration: principles and standards
- Data acquisition
- Hands-on workshop on a workplace challenge

Day 2 Methods and tools in practice
- Interpretation workflows
- Mapping and GIS

Day 3 Diagnosis and problem solving
- Software tools
- Common mistakes and how to avoid them

Day 4 Quality, safety and documentation
- Field case studies
- Regional and international case studies

Day 5 Workshop, assessment and action plan
- Earth materials and structures
- 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)
11–22 Jan 2027	10-day classroom	Dubai	Arabic	8,950
3–7 May 2027	5-day online	Live online	Arabic	2,950
3–7 Oct 2027	5-day classroom	Kuwait City	Arabic	4,750
13–17 Dec 2027	5-day classroom	Barcelona	English	4,750
4–8 Jun 2028	5-day classroom	Cairo	English	4,750
14–25 Aug 2028	10-day classroom	Istanbul	English	8,950
4–15 Sep 2028	10-day online	Live online	Arabic	5,450
4–8 Dec 2028	5-day classroom	Kuala Lumpur	English	4,750
1–12 Jan 2029	10-day classroom	Kuala Lumpur	English	8,950
16–20 Apr 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
3–7 Jun 2029	5-day classroom	Manama	English	4,750
5–9 Aug 2029	5-day classroom	Riyadh	English	4,750
15–19 Apr 2030	5-day classroom	Dubai	English	4,750
1–12 Jul 2030	10-day online	Live online	English	5,450
12–16 Aug 2030	5-day classroom	London	English	4,750
21 Oct – 1 Nov 2030	10-day classroom	Geneva	English	8,950

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