Garnet
Garnet Global Training Center

GGT-GE-125

Geoscience, Geology & Surveying **Rare specialisation**

Geothermal Energy

الطاقة الحرارية الجوفية

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

Overview

Geothermal Energy focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. 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 Geothermal Energy 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 Geothermal Energy: principles and standards
- Mapping and GIS
- Group discussion and peer review

Day 2 Methods and tools in practice
- Software tools
- Field case studies

Day 3 Diagnosis and problem solving
- Earth materials and structures
- Measurement and reporting

Day 4 Quality, safety and documentation
- Data acquisition
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Interpretation workflows
- Common mistakes and how to avoid them

10-day outline

Day 1 Geothermal Energy: principles and standards
- Mapping and GIS
- Group discussion and peer review

Day 2 Methods and tools in practice
- Software tools
- Field case studies

Day 3 Diagnosis and problem solving
- Earth materials and structures
- Measurement and reporting

Day 4 Quality, safety and documentation
- Data acquisition
- Hands-on workshop on a workplace challenge

Day 5 Workshop, assessment and action plan
- Interpretation workflows
- Common mistakes and how to avoid them

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Regional and international case studies

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
- Checklists and templates to take away

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)
19–23 Apr 2027	5-day online	Live online	Arabic	2,950
10–21 May 2027	10-day classroom	London	English	8,950
6–10 Jun 2027	5-day classroom	Cairo	Arabic	4,750
15–19 Aug 2027	5-day classroom	Muscat	Arabic	4,750
3–7 Jan 2028	5-day classroom	Casablanca	English	4,750
6–17 Mar 2028	10-day online	Live online	Arabic	5,450
16–20 Jul 2028	5-day classroom	Muscat	English	4,750
20 Nov – 1 Dec 2028	10-day classroom	Dubai	English	8,950
18 Feb – 1 Mar 2029	10-day classroom	Cairo	Arabic	8,950
12–16 Mar 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
2–6 Apr 2029	5-day online	Live online	Arabic	2,950
16–20 Dec 2029	5-day classroom	Manama	Arabic	4,750
20–31 May 2030	10-day online	Live online	Arabic	5,450
16–27 Sep 2030	10-day classroom	Dubai	English	8,950
13–17 Oct 2030	5-day classroom	Kuwait City	English	4,750
10–14 Nov 2030	5-day classroom	Muscat	English	4,750

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