Garnet
Garnet Global Training Center

GGT-GE-113

Geoscience, Geology & Surveying

Engineering Geology

الجيولوجيا الهندسية

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

Overview

Engineering Geology 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. 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 Engineering Geology to real tasks.
- 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.
- Share good practice with your team.

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 Engineering Geology: principles and standards
- Data acquisition
- Regional and international case studies

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

Day 3 Diagnosis and problem solving
- Software tools
- Checklists and templates to take away

Day 4 Quality, safety and documentation
- Field case studies
- Group discussion and peer review

Day 5 Workshop, assessment and action plan
- Earth materials and structures
- Measurement and reporting

10-day outline

Day 1 Engineering Geology: principles and standards
- Data acquisition
- Regional and international case studies

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

Day 3 Diagnosis and problem solving
- Software tools
- Checklists and templates to take away

Day 4 Quality, safety and documentation
- Field case studies
- Group discussion and peer review

Day 5 Workshop, assessment and action plan
- Earth materials and structures
- Measurement and reporting

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Hands-on workshop on a workplace challenge

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
- Common mistakes and how to avoid them

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)
8–12 Mar 2027	5-day classroom	Dubai	Arabic	4,750
7–11 Jun 2027	5-day classroom	Abu Dhabi	Arabic	4,750
5–9 Jul 2027	5-day online	Live online	English	2,950
5–16 Sep 2027	10-day classroom	Riyadh	Arabic	8,950
6–10 Feb 2028	5-day classroom	Doha	Arabic	4,750
10–21 Apr 2028	10-day classroom	Amsterdam	English	8,950
17–21 Jul 2028	5-day classroom	Barcelona	English	4,750
7–18 Aug 2028	10-day online	Live online	English	5,450
8–12 Jan 2029	5-day online	Live online	English	2,950
12–16 Mar 2029	5-day classroom	Barcelona	English	4,750

Dates	Format	City	Language	Fee (USD)
14–18 May 2029	5-day classroom	Dubai	English	4,750
2–13 Jul 2029	10-day classroom	Istanbul	English	8,950
21–25 Jan 2030	5-day classroom	Dubai	Arabic	4,750
7–18 Oct 2030	10-day online	Live online	English	5,450
11–22 Nov 2030	10-day classroom	Kuala Lumpur	English	8,950
1–5 Dec 2030	5-day classroom	Jeddah	English	4,750

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