Garnet
Garnet Global Training Center

GGT-GE-129

Geoscience, Geology & Surveying

Geology for Non-Geologists

الجيولوجيا لغير الجيولوجيين

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

Overview

This course builds a solid base in Geology for Non-Geologists, starting from first principles and moving quickly to the everyday tasks participants meet at work. Geology, geophysics, GIS and surveying for energy, mining, water and construction projects. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Explain the key concepts, terms and standards of Geology for Non-Geologists.
- Recognise the main hazards, errors and misconceptions newcomers face.
- Carry out basic tasks correctly using simple checklists and tools.
- Read and use the documents, forms and data common in this field.
- Know when to escalate and who to involve.

Who should attend

Geologists, geophysicists, surveyors, GIS specialists and petroleum engineers. No prior experience is required; it also suits new hires, graduates and staff moving into this field.

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 Introduction to Geology for Non-Geologists
- Interpretation workflows
- Hands-on workshop on a workplace challenge

Day 2 Core concepts and terminology
- Mapping and GIS
- Software tools

Day 3 Basic methods and tools
- Field case studies
- Common mistakes and how to avoid them

Day 4 Working safely and correctly
- Earth materials and structures
- Regional and international case studies

Day 5 Practical exercises and review
- Data acquisition
- Checklists and templates to take away

10-day outline

Day 1 Introduction to Geology for Non-Geologists
- Interpretation workflows
- Hands-on workshop on a workplace challenge

Day 2 Core concepts and terminology
- Mapping and GIS
- Software tools

Day 3 Basic methods and tools
- Field case studies
- Common mistakes and how to avoid them

Day 4 Working safely and correctly
- Earth materials and structures
- Regional and international case studies

Day 5 Practical exercises and review
- Data acquisition
- 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	Vienna	English	8,950
15–19 Feb 2027	5-day classroom	Dubai	English	4,750
10–14 May 2027	5-day classroom	Amsterdam	English	4,750
21–25 Jun 2027	5-day online	Live online	English	2,950
14–25 May 2028	10-day classroom	Muscat	Arabic	8,950
2–6 Jul 2028	5-day classroom	Manama	Arabic	4,750
11–22 Sep 2028	10-day online	Live online	Arabic	5,450
19–23 Nov 2028	5-day classroom	Riyadh	Arabic	4,750
8–12 Jan 2029	5-day classroom	Barcelona	English	4,750
3–14 Sep 2029	10-day classroom	Kuala Lumpur	English	8,950

Dates	Format	City	Language	Fee (USD)
1–5 Oct 2029	5-day online	Live online	Arabic	2,950
9–13 Dec 2029	5-day classroom	Riyadh	Arabic	4,750
13–17 May 2030	5-day classroom	London	English	4,750
19–30 Aug 2030	10-day online	Live online	Arabic	5,450
6–10 Oct 2030	5-day classroom	Riyadh	English	4,750
8–19 Dec 2030	10-day classroom	Doha	English	8,950

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