Garnet
Garnet Global Training Center

GGT-GE-110

Geoscience, Geology & Surveying

Geological Modelling

النمذجة الجيولوجية

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

Overview

Geological Modelling 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. 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

- Apply the methods and standards of Geological Modelling 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 Geological Modelling: principles and standards
- Interpretation workflows
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Mapping and GIS
- Software tools

Day 3 Diagnosis and problem solving
- Field case studies
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Earth materials and structures
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Data acquisition
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Geological Modelling: principles and standards
- Interpretation workflows
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Mapping and GIS
- Software tools

Day 3 Diagnosis and problem solving
- Field case studies
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Earth materials and structures
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Data acquisition
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
4–8 Jan 2027	5-day online	Live online	Arabic	2,950
5–16 Sep 2027	10-day classroom	Amman	English	8,950
4–8 Oct 2027	5-day classroom	London	English	4,750
19–23 Dec 2027	5-day classroom	Doha	Arabic	4,750
14–25 Feb 2028	10-day online	Live online	Arabic	5,450
3–7 Apr 2028	5-day classroom	Istanbul	English	4,750
7–18 May 2028	10-day classroom	Kuwait City	Arabic	8,950
16–20 Jul 2028	5-day classroom	Riyadh	Arabic	4,750
16–27 Apr 2029	10-day classroom	Barcelona	English	8,950
19–23 Aug 2029	5-day classroom	Jeddah	English	4,750

Dates	Format	City	Language	Fee (USD)
15–19 Oct 2029	5-day classroom	Istanbul	English	4,750
10–14 Dec 2029	5-day online	Live online	English	2,950
7–18 Jan 2030	10-day online	Live online	English	5,450
11–15 Mar 2030	5-day classroom	Vienna	English	4,750
14–18 Apr 2030	5-day classroom	Kuwait City	English	4,750
16–27 Sep 2030	10-day classroom	Casablanca	English	8,950

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