Garnet
Garnet Global Training Center

GGT-GE-121

Geoscience, Geology & Surveying **Rare specialisation**

Hydrographic Surveying

المساحة الهيدروغرافية

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

Overview

Participants in Hydrographic Surveying 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. 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 Hydrographic Surveying to real tasks.
- Diagnose common problems and identify root causes.
- 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.

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

WhatsApp: +971 56 674 7382

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 Hydrographic Surveying: principles and standards

- Data acquisition
- Measurement and reporting

Day 2 Methods and tools in practice

- Interpretation workflows
- Mapping and GIS

Day 3 Diagnosis and problem solving

- Software tools
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Field case studies
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Earth materials and structures
- Regional and international case studies

10-day outline

Day 1 Hydrographic Surveying: principles and standards

- Data acquisition
- Measurement and reporting

Day 2 Methods and tools in practice

- Interpretation workflows
- Mapping and GIS

Day 3 Diagnosis and problem solving

- Software tools
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- Field case studies
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Earth materials and structures
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

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
- Group discussion and peer review

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)
1–5 Mar 2027	5-day classroom	Dubai	English	4,750
16–27 May 2027	10-day classroom	Doha	English	8,950
7–11 Jun 2027	5-day online	Live online	English	2,950
13–17 Dec 2027	5-day classroom	London	English	4,750
17–21 Jan 2028	5-day classroom	Barcelona	English	4,750
4–8 Sep 2028	5-day classroom	London	English	4,750
2–13 Oct 2028	10-day online	Live online	English	5,450
6–17 Nov 2028	10-day classroom	Vienna	English	8,950
11–15 Feb 2029	5-day classroom	Jeddah	English	4,750

Dates	Format	City	Language	Fee (USD)
9–13 Apr 2029	5-day classroom	Casablanca	English	4,750
3–7 Sep 2029	5-day online	Live online	Arabic	2,950
15–26 Oct 2029	10-day classroom	Vienna	English	8,950
3–14 Mar 2030	10-day classroom	Jeddah	Arabic	8,950
13–24 May 2030	10-day online	Live online	Arabic	5,450
4–8 Nov 2030	5-day classroom	Abu Dhabi	English	4,750
8–12 Dec 2030	5-day classroom	Amman	Arabic	4,750

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