Garnet
Garnet Global Training Center

GGT-OG-109

Oil, Gas & Petrochemicals

Drilling Engineering & Well Control

هندسة الحفر والتحكم في الآبار

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

Overview

This program treats Drilling Engineering & Well Control as a managed system: policies, roles, resources, performance indicators and continual improvement. Upstream, midstream and downstream programs built around how plants and fields are actually run. 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

- Set up and run Drilling Engineering & Well Control as a managed process with clear roles.
- Report clearly to senior management and stakeholders.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.

Who should attend

Operations, process, production and integrity engineers, supervisors and technical managers. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

Key topics

- Process fundamentals and unit operations
- API, ASME and ISO standards in practice
- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection
- Production optimisation and losses
- Field case studies from the region

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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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 Drilling Engineering & Well Control: the management framework

- API, ASME and ISO standards in practice
- Common mistakes and how to avoid them

Day 2 Planning, resources and budgets

- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection

Day 3 Performance measurement and control

- Production optimisation and losses
- Regional and international case studies

Day 4 Risk, compliance and improvement

- Field case studies from the region
- Checklists and templates to take away

Day 5 Management case study and action plan

- Process fundamentals and unit operations
- Group discussion and peer review

10-day outline

Day 1 Drilling Engineering & Well Control: the management framework

- API, ASME and ISO standards in practice
- Common mistakes and how to avoid them

Day 2 Planning, resources and budgets

- Operating envelopes and troubleshooting
- Integrity, corrosion and inspection

Day 3 Performance measurement and control

- Production optimisation and losses
- Regional and international case studies

Day 4 Risk, compliance and improvement

- Field case studies from the region
- Checklists and templates to take away

Day 5 Management case study and action plan

- Process fundamentals and unit operations
- Group discussion and peer review

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

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
- Hands-on workshop on a workplace challenge

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)
14–18 Feb 2027	5-day classroom	Manama	Arabic	4,750
17–28 May 2027	10-day classroom	London	English	8,950
19–23 Sep 2027	5-day classroom	Riyadh	Arabic	4,750
11–15 Oct 2027	5-day online	Live online	English	2,950
13–17 Feb 2028	5-day classroom	Cairo	Arabic	4,750
15–26 May 2028	10-day online	Live online	Arabic	5,450
2–13 Jul 2028	10-day classroom	Riyadh	English	8,950
16–20 Oct 2028	5-day classroom	Geneva	English	4,750
8–19 Apr 2029	10-day classroom	Kuwait City	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
6–10 May 2029	5-day classroom	Jeddah	English	4,750
20–24 Aug 2029	5-day classroom	Dubai	English	4,750
10–14 Dec 2029	5-day online	Live online	Arabic	2,950
7–11 Jan 2030	5-day classroom	Dubai	English	4,750
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
18–22 Mar 2030	5-day classroom	Paris	English	4,750
13–24 May 2030	10-day classroom	Vienna	English	8,950

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