



Drilling Engineering & Operations

Oil & Gas Operations

QGT-OGP-106 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Drilling Engineering & Operations is an introduction that builds a solid working knowledge in Drilling Engineering & Operations. It covers the principles, the requirements of API, IOGP, ISO 13702 and company standards, and the practical methods used on site, with case studies from operations in the Gulf, Africa and worldwide. Available online, in the classroom in 60 cities, or in-house.

What participants will be able to do

- Explain the principles, terminology and scope of Drilling Engineering & Operations
- Apply the relevant requirements of API, IOGP, ISO 13702 and company standards
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for operations, production and process staff in upstream, midstream and downstream oil and gas, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Drilling Engineering & Operations fits into daily operations

Day 2: Codes, standards and requirements

What API, IOGP, ISO 13702 and company standards require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

What the 10-day edition adds

Day 6: Applied project, part 1 – Apply the week-one methods to a case from your organisation

Day 7: Data and digital tools – Software, spreadsheets and digital tools used in practice

Day 8: Lessons from incidents and audits – What investigations and audit findings teach

Day 9: Applied project, part 2 – Complete, test and refine your solution

Day 10: Presentations and final assessment – Present to the group and complete the final assessment

Fees (USD per participant)

Duration	Live online	Classroom	In-house
5 days	\$3,000	\$5,500	On quote
10 days	\$5,500	\$9,900	On quote

Fees include course material and certificate of completion; classroom fees include refreshments and lunch. In-house training is priced per group.

Dates and cities 2027–2030

Dates	City	Format	Duration	Fee
31 May – 4 Jun 2027	Abu Dhabi	Classroom	5 days	\$5,500
18–29 Jul 2027	Manama	Classroom	10 days	\$9,900
5–9 Sep 2027	Dammam	Classroom	5 days	\$5,500
25 Oct – 5 Nov 2027	Istanbul	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Salalah	Classroom	5 days	\$5,500
31 Jan – 11 Feb 2028	Sharjah	Classroom	10 days	\$9,900
15–19 May 2028	Milan	Classroom	5 days	\$5,500
3–14 Jul 2028	Houston	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
2–6 Apr 2029	Madrid	Classroom	5 days	\$5,500
23 Apr – 4 May 2029	Vienna	Classroom	10 days	\$9,900
20–24 Aug 2029	Singapore	Classroom	5 days	\$5,500
27 Aug – 7 Sep 2029	Luanda	Classroom	10 days	\$9,900
24–28 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Mar 2030	Toronto	Classroom	5 days	\$5,500
24 Jun – 5 Jul 2030	Johannesburg	Classroom	10 days	\$9,900
8–12 Jul 2030	Milan	Classroom	5 days	\$5,500
28 Jul – 8 Aug 2030	Manama	Classroom	10 days	\$9,900
23–27 Sep 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/drilling-engineering-and-operations/>

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