



Reservoir Engineering Essentials

Oil & Gas Operations

QGT-OGP-105 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Reservoir Engineering Essentials is an introduction that builds a solid working knowledge in Reservoir Engineering Essentials. 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 Reservoir Engineering Essentials
- 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 Reservoir Engineering Essentials 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
10–14 May 2027	Milan	Classroom	5 days	\$5,500
12–23 Jul 2027	Bangkok	Classroom	10 days	\$9,900
9–13 Aug 2027	Budapest	Classroom	5 days	\$5,500
18–29 Oct 2027	Casablanca	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
8–12 May 2028	Rome	Classroom	5 days	\$5,500
26 Jun – 7 Jul 2028	Kigali	Classroom	10 days	\$9,900
3–7 Jul 2028	Abu Dhabi	Classroom	5 days	\$5,500
24 Jul – 4 Aug 2028	Beirut	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
21–25 May 2029	Tbilisi	Classroom	5 days	\$5,500
9–20 Jul 2029	Edinburgh	Classroom	10 days	\$9,900
2–6 Sep 2029	Riyadh	Classroom	5 days	\$5,500
1–12 Oct 2029	Zurich	Classroom	10 days	\$9,900
8–12 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
6–10 May 2030	Toronto	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Abu Dhabi	Classroom	10 days	\$9,900
7–11 Oct 2030	Copenhagen	Classroom	5 days	\$5,500
14–25 Oct 2030	Barcelona	Classroom	10 days	\$9,900
21–25 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/reservoir-engineering-essentials/>

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