



Refinery Operations & Process Units: Advanced Level

Oil & Gas Operations

QGT-OGP-140 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Refinery Operations & Process Units: Advanced Level is an advanced programme for experienced practitioners in Refinery Operations & Process Units. 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 Refinery Operations & Process Units
- Apply the relevant requirements of API, IOGP, ISO 13702 and company standards
- Apply advanced analysis methods to real operating data
- 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 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in API, IOGP, ISO 13702 and company standards

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
8–19 Mar 2027	Johannesburg	Classroom	10 days	\$9,900
5–9 Apr 2027	Singapore	Classroom	5 days	\$5,500
9–20 May 2027	Dammam	Classroom	10 days	\$9,900
25–29 Oct 2027	Accra	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
14–25 Feb 2028	Toronto	Classroom	10 days	\$9,900
6–10 Mar 2028	Lagos	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Abu Dhabi	Classroom	10 days	\$9,900
10–14 Apr 2028	Accra	Classroom	5 days	\$5,500
26 Jun – 7 Jul 2028	Online (live)	Online (live)	10 days	\$5,500
29 Jan – 9 Feb 2029	Baku	Classroom	10 days	\$9,900
19–23 Feb 2029	Nairobi	Classroom	5 days	\$5,500
26 Feb – 9 Mar 2029	Casablanca	Classroom	10 days	\$9,900
29 Jul – 2 Aug 2029	Cairo	Classroom	5 days	\$5,500
22 Oct – 2 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
7–18 Jan 2030	Manchester	Classroom	10 days	\$9,900
25–29 Mar 2030	Luanda	Classroom	5 days	\$5,500
9–20 Sep 2030	Milan	Classroom	10 days	\$9,900
23–27 Sep 2030	Edinburgh	Classroom	5 days	\$5,500
18–29 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/refinery-operations-and-process-units-advanced-level/>

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