



Process Plant Operations: Advanced Level

Process & Chemical Engineering

QGT-PRC-123 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Process Plant Operations: Advanced Level is an advanced programme for experienced practitioners in Process Plant Operations. It covers the principles, the requirements of API, AIChE/CCPS guidelines and licensor practice, 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 Process Plant Operations
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor practice
- 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 process engineers, chemical engineers, operators and laboratory staff with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in API, AIChE/CCPS guidelines and licensor practice

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
1–12 Feb 2027	Geneva	Classroom	10 days	\$9,900
21–25 Feb 2027	Al Khobar	Classroom	5 days	\$5,500
8–19 Mar 2027	London	Classroom	10 days	\$9,900
20–24 Sep 2027	Houston	Classroom	5 days	\$5,500
4–15 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
6–17 Feb 2028	Muscat	Classroom	10 days	\$9,900
1–5 May 2028	Geneva	Classroom	5 days	\$5,500
29 May – 9 Jun 2028	Copenhagen	Classroom	10 days	\$9,900
13–17 Nov 2028	Madrid	Classroom	5 days	\$5,500
27 Nov – 8 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
19 Feb – 2 Mar 2029	Berlin	Classroom	10 days	\$9,900
5–9 Mar 2029	Bangkok	Classroom	5 days	\$5,500
28 May – 8 Jun 2029	Lisbon	Classroom	10 days	\$9,900
13–17 Aug 2029	Dublin	Classroom	5 days	\$5,500
12–23 Nov 2029	Online (live)	Online (live)	10 days	\$5,500
18 Feb – 1 Mar 2030	Budapest	Classroom	10 days	\$9,900
24–28 Jun 2030	Kigali	Classroom	5 days	\$5,500
30 Jun – 11 Jul 2030	Al Khobar	Classroom	10 days	\$9,900
9–13 Sep 2030	Stockholm	Classroom	5 days	\$5,500
14–25 Oct 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-plant-operations-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

