



Separation Processes: Advanced Level

Process & Chemical Engineering

QGT-PRC-132 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Separation Processes: Advanced Level is an advanced programme for experienced practitioners in Separation Processes. 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 Separation Processes
- 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	Manchester	Classroom	10 days	\$9,900
5–9 Apr 2027	Abu Dhabi	Classroom	5 days	\$5,500
25 Apr – 6 May 2027	Alexandria	Classroom	10 days	\$9,900
11–15 Oct 2027	Lagos	Classroom	5 days	\$5,500
1–12 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
10–21 Jan 2028	Istanbul	Classroom	10 days	\$9,900
30 Jan – 3 Feb 2028	Alexandria	Classroom	5 days	\$5,500
21 May – 1 Jun 2028	Erbil	Classroom	10 days	\$9,900
27–31 Aug 2028	Riyadh	Classroom	5 days	\$5,500
27 Nov – 8 Dec 2028	Online (live)	Online (live)	10 days	\$5,500
15–26 Jan 2029	Kuala Lumpur	Classroom	10 days	\$9,900
9–13 Apr 2029	Manchester	Classroom	5 days	\$5,500
11–22 Jun 2029	Lisbon	Classroom	10 days	\$9,900
27–31 Aug 2029	Bangkok	Classroom	5 days	\$5,500
3–14 Dec 2029	Online (live)	Online (live)	10 days	\$5,500
10–21 Jun 2030	Amsterdam	Classroom	10 days	\$9,900
17–21 Jun 2030	Munich	Classroom	5 days	\$5,500
14–25 Oct 2030	Lisbon	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Sharjah	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/separation-processes-advanced-level/>

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