



Distillation Operation & Troubleshooting Masterclass

Process & Chemical Engineering

QGT-PRC-168 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Distillation Operation & Troubleshooting Masterclass is a senior-level masterclass on strategy and performance in Distillation Operation & Troubleshooting. 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 Distillation Operation & Troubleshooting
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor practice
- Use practical tools, checklists and calculations with confidence
- Recognise common problems, risks and root causes and choose the right corrective action
- Build a business case and roadmap their leadership team can act on

Who should attend

Designed for process engineers, chemical engineers, operators and laboratory staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Distillation Operation & Troubleshooting

Trends, regulation and what leading companies do differently

Day 2: Benchmarking and performance

KPIs, maturity models and gap analysis

Day 3: Lessons from major incidents and projects

Decision points that changed outcomes

Day 4: Leading the change

Building the business case, budget and team capability

Day 5: Masterclass forum

Expert panel, peer exchange and personal roadmap

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
15–19 Feb 2027	Cape Town	Classroom	5 days	\$5,500
18–29 Apr 2027	Al Khobar	Classroom	10 days	\$9,900
19–23 Jul 2027	Copenhagen	Classroom	5 days	\$5,500
10–21 Oct 2027	Cairo	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Accra	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Barcelona	Classroom	10 days	\$9,900
12–16 Mar 2028	Muscat	Classroom	5 days	\$5,500
3–14 Apr 2028	Houston	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
4–8 Feb 2029	Al Khobar	Classroom	5 days	\$5,500
5–16 Mar 2029	Barcelona	Classroom	10 days	\$9,900
19–23 Mar 2029	Singapore	Classroom	5 days	\$5,500
18–29 Jun 2029	Lisbon	Classroom	10 days	\$9,900
27–31 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
1–5 Apr 2030	Beirut	Classroom	5 days	\$5,500
20–31 May 2030	Casablanca	Classroom	10 days	\$9,900
9–13 Sep 2030	Geneva	Classroom	5 days	\$5,500
14–25 Oct 2030	Copenhagen	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/distillation-operation-and-troubleshooting-masterclass/>

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