



Catalysts & Reactor Operation Masterclass

Process & Chemical Engineering

QGT-PRC-172 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Catalysts & Reactor Operation Masterclass is a senior-level masterclass on strategy and performance in Catalysts & Reactor Operation. 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 Catalysts & Reactor Operation
- 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 Catalysts & Reactor Operation

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	Lisbon	Classroom	5 days	\$5,500
22 Mar – 2 Apr 2027	London	Classroom	10 days	\$9,900
2–6 Aug 2027	Tunis	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Munich	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
28 Feb – 3 Mar 2028	Accra	Classroom	5 days	\$5,500
2–13 Apr 2028	Doha	Classroom	10 days	\$9,900
1–5 May 2028	Marrakech	Classroom	5 days	\$5,500
15–26 May 2028	Nairobi	Classroom	10 days	\$9,900
21–25 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Mar 2029	Copenhagen	Classroom	5 days	\$5,500
9–20 Apr 2029	Lagos	Classroom	10 days	\$9,900
9–13 Jul 2029	Tunis	Classroom	5 days	\$5,500
3–14 Sep 2029	Dubai	Classroom	10 days	\$9,900
3–7 Dec 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	London	Classroom	5 days	\$5,500
27 May – 7 Jun 2030	Berlin	Classroom	10 days	\$9,900
17–21 Jun 2030	Toronto	Classroom	5 days	\$5,500
1–12 Jul 2030	Casablanca	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/catalysts-and-reactor-operation-masterclass/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

