



Laboratory Operations & Quality Control Masterclass

Process & Chemical Engineering

QGT-PRC-186 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Laboratory Operations & Quality Control Masterclass is a senior-level masterclass on strategy and performance in Laboratory Operations & Quality Control. 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 Laboratory Operations & Quality Control
- 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 Laboratory Operations & Quality Control

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
31 May – 4 Jun 2027	Paris	Classroom	5 days	\$5,500
14–25 Jun 2027	Manchester	Classroom	10 days	\$9,900
12–16 Jul 2027	Vienna	Classroom	5 days	\$5,500
12–23 Sep 2027	Cairo	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Abu Dhabi	Classroom	5 days	\$5,500
1–12 May 2028	Toronto	Classroom	10 days	\$9,900
8–12 May 2028	Sharjah	Classroom	5 days	\$5,500
17–28 Jul 2028	London	Classroom	10 days	\$9,900
4–8 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Zurich	Classroom	5 days	\$5,500
29 Apr – 10 May 2029	Manama	Classroom	10 days	\$9,900
23–27 Jul 2029	Frankfurt	Classroom	5 days	\$5,500
10–21 Sep 2029	Tbilisi	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Prague	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Frankfurt	Classroom	10 days	\$9,900
2–6 Sep 2030	Bangkok	Classroom	5 days	\$5,500
22 Sep – 3 Oct 2030	Erbil	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/laboratory-operations-and-quality-control-masterclass/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

