



Process Plant Optimization Masterclass

Process & Chemical Engineering

QGT-PRC-170 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Process Plant Optimization Masterclass is a senior-level masterclass on strategy and performance in Process Plant Optimization. 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 Optimization
- 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 Process Plant Optimization

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
22–26 Feb 2027	Toronto	Classroom	5 days	\$5,500
10–21 May 2027	Manchester	Classroom	10 days	\$9,900
11–15 Oct 2027	Munich	Classroom	5 days	\$5,500
18–29 Oct 2027	Lisbon	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
30 Jan – 3 Feb 2028	Amman	Classroom	5 days	\$5,500
8–19 May 2028	Milan	Classroom	10 days	\$9,900
7–11 Aug 2028	Kuala Lumpur	Classroom	5 days	\$5,500
16–27 Oct 2028	Singapore	Classroom	10 days	\$9,900
13–17 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Frankfurt	Classroom	5 days	\$5,500
29 Jan – 9 Feb 2029	Kuala Lumpur	Classroom	10 days	\$9,900
19–23 Feb 2029	Bangkok	Classroom	5 days	\$5,500
6–17 Aug 2029	Berlin	Classroom	10 days	\$9,900
27–31 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
15–19 Apr 2030	Stockholm	Classroom	5 days	\$5,500
21 Jul – 1 Aug 2030	Riyadh	Classroom	10 days	\$9,900
22–26 Sep 2030	Al Khobar	Classroom	5 days	\$5,500
21 Oct – 1 Nov 2030	Sharjah	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-plant-optimization-masterclass/>

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