



Process Plant Optimization: Practical Workshop

Process & Chemical Engineering

QGT-PRC-148 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Process Plant Optimization: Practical Workshop is a hands-on workshop built around exercises and real site problems 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for process engineers, chemical engineers, operators and laboratory staff who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Process Plant Optimization scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
17–21 Jan 2027	Algiers	Classroom	5 days	\$5,500
17–28 May 2027	Paris	Classroom	10 days	\$9,900
5–9 Jul 2027	Houston	Classroom	5 days	\$5,500
6–17 Sep 2027	Istanbul	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
28 Feb – 3 Mar 2028	Dublin	Classroom	5 days	\$5,500
27 Mar – 7 Apr 2028	Milan	Classroom	10 days	\$9,900
22–26 May 2028	Brussels	Classroom	5 days	\$5,500
12–23 Jun 2028	Rome	Classroom	10 days	\$9,900
30 Oct – 3 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
2–6 Apr 2029	Singapore	Classroom	5 days	\$5,500
4–15 Jun 2029	Luanda	Classroom	10 days	\$9,900
2–6 Jul 2029	Copenhagen	Classroom	5 days	\$5,500
1–12 Oct 2029	Zurich	Classroom	10 days	\$9,900
5–9 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Dublin	Classroom	5 days	\$5,500
17–28 Feb 2030	Erbil	Classroom	10 days	\$9,900
24–28 Jun 2030	Amsterdam	Classroom	5 days	\$5,500
30 Jun – 11 Jul 2030	Algiers	Classroom	10 days	\$9,900
5–9 Aug 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-practical-workshop/>

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