



Petrochemical Processes

Process & Chemical Engineering

QGT-PRC-105 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Petrochemical Processes is an introduction that builds a solid working knowledge in Petrochemical Processes. 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 Petrochemical Processes
- 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Petrochemical Processes fits into daily operations

Day 2: Codes, standards and requirements

What API, AIChE/CCPS guidelines and licensor practice require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
28 Feb – 4 Mar 2027	Alexandria	Classroom	5 days	\$5,500
22 Mar – 2 Apr 2027	Athens	Classroom	10 days	\$9,900
2–6 Aug 2027	Edinburgh	Classroom	5 days	\$5,500
16–27 Aug 2027	Zurich	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
6–10 Feb 2028	Amman	Classroom	5 days	\$5,500
21 Feb – 3 Mar 2028	Berlin	Classroom	10 days	\$9,900
20–24 Mar 2028	Frankfurt	Classroom	5 days	\$5,500
1–12 May 2028	Sharjah	Classroom	10 days	\$9,900
14–18 Aug 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Sharjah	Classroom	5 days	\$5,500
11–22 Feb 2029	Doha	Classroom	10 days	\$9,900
5–9 Mar 2029	Munich	Classroom	5 days	\$5,500
14–25 May 2029	Tunis	Classroom	10 days	\$9,900
9–13 Jul 2029	Online (live)	Online (live)	5 days	\$3,000
15–19 Apr 2030	Athens	Classroom	5 days	\$5,500
20–31 May 2030	Tbilisi	Classroom	10 days	\$9,900
15–19 Jul 2030	Vienna	Classroom	5 days	\$5,500
9–20 Sep 2030	Baku	Classroom	10 days	\$9,900
25–29 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/petrochemical-processes/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

