



Start-up & Shutdown of Process Units Masterclass

Process & Chemical Engineering

QGT-PRC-185 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Start-up & Shutdown of Process Units Masterclass is a senior-level masterclass on strategy and performance in Start-up & Shutdown of Process Units. 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 Start-up & Shutdown of Process Units
- 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 Start-up & Shutdown of Process Units

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
7–11 Mar 2027	Dammam	Classroom	5 days	\$5,500
4–15 Apr 2027	Jeddah	Classroom	10 days	\$9,900
27 Jun – 1 Jul 2027	Muscat	Classroom	5 days	\$5,500
12–23 Jul 2027	Zurich	Classroom	10 days	\$9,900
1–5 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
7–11 Feb 2028	Lagos	Classroom	5 days	\$5,500
3–14 Jul 2028	Sharjah	Classroom	10 days	\$9,900
20–24 Nov 2028	Beirut	Classroom	5 days	\$5,500
27 Nov – 8 Dec 2028	Athens	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
18–22 Mar 2029	Riyadh	Classroom	5 days	\$5,500
7–18 May 2029	Brussels	Classroom	10 days	\$9,900
18–22 Jun 2029	Abu Dhabi	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2029	Houston	Classroom	10 days	\$9,900
12–16 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
28 Jan – 1 Feb 2030	Dubai	Classroom	5 days	\$5,500
10–21 Feb 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
4–8 Aug 2030	Muscat	Classroom	5 days	\$5,500
9–20 Sep 2030	Abu Dhabi	Classroom	10 days	\$9,900
14–18 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/start-up-and-shutdown-of-process-units-masterclass/>

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