



Desalination Technologies: Advanced Level

Process & Chemical Engineering

QGT-PRC-134 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Desalination Technologies: Advanced Level is an advanced programme for experienced practitioners in Desalination Technologies. 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 Desalination Technologies
- Apply the relevant requirements of API, AIChE/CCPS guidelines and licensor practice
- Apply advanced analysis methods to real operating data
- 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 with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in API, AIChE/CCPS guidelines and licensor practice

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
11–22 Jan 2027	Istanbul	Classroom	10 days	\$9,900
18–22 Jul 2027	Sharm El Sheikh	Classroom	5 days	\$5,500
8–19 Aug 2027	Doha	Classroom	10 days	\$9,900
20–24 Sep 2027	Marrakech	Classroom	5 days	\$5,500
11–22 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
27 Mar – 7 Apr 2028	Geneva	Classroom	10 days	\$9,900
8–12 May 2028	Houston	Classroom	5 days	\$5,500
3–14 Jul 2028	Munich	Classroom	10 days	\$9,900
24–28 Jul 2028	Tbilisi	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Online (live)	Online (live)	10 days	\$5,500
16–27 Apr 2029	Frankfurt	Classroom	10 days	\$9,900
1–5 Jul 2029	Algiers	Classroom	5 days	\$5,500
9–20 Jul 2029	Stockholm	Classroom	10 days	\$9,900
27–31 Aug 2029	Singapore	Classroom	5 days	\$5,500
24 Sep – 5 Oct 2029	Online (live)	Online (live)	10 days	\$5,500
28 Jan – 8 Feb 2030	Munich	Classroom	10 days	\$9,900
19–23 May 2030	Erbil	Classroom	5 days	\$5,500
2–13 Sep 2030	Madrid	Classroom	10 days	\$9,900
29 Sep – 3 Oct 2030	Manama	Classroom	5 days	\$5,500
21 Oct – 1 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/desalination-technologies-advanced-level/>

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