



Desalination Technologies

Process & Chemical Engineering

QGT-PRC-112 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Desalination Technologies is an introduction that builds a solid working knowledge 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
- 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 Desalination Technologies 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
24–28 Jan 2027	Doha	Classroom	5 days	\$5,500
23 May – 3 Jun 2027	Sharm El Sheikh	Classroom	10 days	\$9,900
5–9 Jul 2027	Frankfurt	Classroom	5 days	\$5,500
22 Nov – 3 Dec 2027	Tbilisi	Classroom	10 days	\$9,900
6–10 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
27 Feb – 2 Mar 2028	Dammam	Classroom	5 days	\$5,500
3–14 Apr 2028	Rome	Classroom	10 days	\$9,900
9–13 Apr 2028	Doha	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Amsterdam	Classroom	10 days	\$9,900
20–24 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
14–18 May 2029	Madrid	Classroom	5 days	\$5,500
23 Jul – 3 Aug 2029	Toronto	Classroom	10 days	\$9,900
27–31 Aug 2029	Casablanca	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2029	Riyadh	Classroom	10 days	\$9,900
19–23 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Marrakech	Classroom	5 days	\$5,500
25 Feb – 8 Mar 2030	Dubai	Classroom	10 days	\$9,900
21–25 Jul 2030	Muscat	Classroom	5 days	\$5,500
19–30 Aug 2030	Singapore	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

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

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Email: training@qimmatrainig.com

