



Cooling Water Systems Masterclass

Process & Chemical Engineering

QGT-PRC-179 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Cooling Water Systems Masterclass is a senior-level masterclass on strategy and performance in Cooling Water Systems. 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 Cooling Water Systems
- 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 Cooling Water Systems

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
1–5 Feb 2027	Edinburgh	Classroom	5 days	\$5,500
31 May – 11 Jun 2027	Berlin	Classroom	10 days	\$9,900
25–29 Jul 2027	Algiers	Classroom	5 days	\$5,500
21 Nov – 2 Dec 2027	Alexandria	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
22–26 May 2028	Dubai	Classroom	5 days	\$5,500
5–16 Jun 2028	Beirut	Classroom	10 days	\$9,900
19–23 Jun 2028	Baku	Classroom	5 days	\$5,500
15–26 Oct 2028	Cairo	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
29 Jan – 2 Feb 2029	Stockholm	Classroom	5 days	\$5,500
12–23 Feb 2029	Manchester	Classroom	10 days	\$9,900
2–6 Sep 2029	Doha	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2029	Salalah	Classroom	10 days	\$9,900
26–30 Nov 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Amsterdam	Classroom	5 days	\$5,500
21 Jul – 1 Aug 2030	Jeddah	Classroom	10 days	\$9,900
16–20 Sep 2030	Istanbul	Classroom	5 days	\$5,500
29 Sep – 10 Oct 2030	Alexandria	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/cooling-water-systems-masterclass/>

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