



HVAC Systems Design & Maintenance Masterclass

Mechanical & Rotating Equipment

QGT-MEC-189 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

HVAC Systems Design & Maintenance Masterclass is a senior-level masterclass on strategy and performance in HVAC Systems Design & Maintenance. It covers the principles, the requirements of API 610/617/618, ASME and ISO standards, 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 HVAC Systems Design & Maintenance
- Apply the relevant requirements of API 610/617/618, ASME and ISO standards
- 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 mechanical engineers, technicians, supervisors and maintenance staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of HVAC Systems Design & Maintenance

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
14–18 Mar 2027	Jeddah	Classroom	5 days	\$5,500
21 Mar – 1 Apr 2027	Riyadh	Classroom	10 days	\$9,900
17–21 May 2027	Accra	Classroom	5 days	\$5,500
8–19 Aug 2027	Amman	Classroom	10 days	\$9,900
25–29 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
13–17 Mar 2028	Marrakech	Classroom	5 days	\$5,500
11–22 Jun 2028	Muscat	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Rome	Classroom	5 days	\$5,500
11–22 Sep 2028	Athens	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Mar 2029	Paris	Classroom	5 days	\$5,500
30 Apr – 11 May 2029	Baku	Classroom	10 days	\$9,900
4–8 Jun 2029	Kigali	Classroom	5 days	\$5,500
17–28 Jun 2029	Doha	Classroom	10 days	\$9,900
20–24 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Edinburgh	Classroom	5 days	\$5,500
29 Apr – 10 May 2030	Budapest	Classroom	10 days	\$9,900
30 Jun – 4 Jul 2030	Muscat	Classroom	5 days	\$5,500
14–25 Jul 2030	Sharm El Sheikh	Classroom	10 days	\$9,900
30 Sep – 4 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/hvac-systems-design-and-maintenance-masterclass/>

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