



Distributed Control Systems (DCS) Masterclass

Instrumentation, Control & Automation

QGT-INS-167 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Distributed Control Systems (DCS) Masterclass is a senior-level masterclass on strategy and performance in Distributed Control Systems (DCS). It covers the principles, the requirements of ISA, IEC 61511, IEC 61508 and IEC 62443, 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 Distributed Control Systems (DCS)
- Apply the relevant requirements of ISA, IEC 61511, IEC 61508 and IEC 62443
- 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 instrument and control engineers, technicians and control room staff in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Distributed Control Systems (DCS)

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
22–26 Feb 2027	Munich	Classroom	5 days	\$5,500
1–12 Mar 2027	Sharjah	Classroom	10 days	\$9,900
15–19 Mar 2027	Frankfurt	Classroom	5 days	\$5,500
29 Mar – 9 Apr 2027	Budapest	Classroom	10 days	\$9,900
3–7 May 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Apr 2028	London	Classroom	5 days	\$5,500
30 Apr – 11 May 2028	Doha	Classroom	10 days	\$9,900
29 May – 2 Jun 2028	Munich	Classroom	5 days	\$5,500
8–19 Oct 2028	Cairo	Classroom	10 days	\$9,900
23–27 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
25 Feb – 1 Mar 2029	Kuwait City	Classroom	5 days	\$5,500
5–16 Mar 2029	Houston	Classroom	10 days	\$9,900
3–7 Sep 2029	Abu Dhabi	Classroom	5 days	\$5,500
17–28 Sep 2029	Toronto	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	Amsterdam	Classroom	5 days	\$5,500
4–15 Feb 2030	Luanda	Classroom	10 days	\$9,900
19–23 Aug 2030	Edinburgh	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2030	Budapest	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/distributed-control-systems-dcs-masterclass/>

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