



Process Instrumentation & Measurement Masterclass

Instrumentation, Control & Automation

QGT-INS-164 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Process Instrumentation & Measurement Masterclass is a senior-level masterclass on strategy and performance in Process Instrumentation & Measurement. 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 Process Instrumentation & Measurement
- 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 Process Instrumentation & Measurement

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	Sharjah	Classroom	5 days	\$5,500
29 Mar – 9 Apr 2027	Paris	Classroom	10 days	\$9,900
19–23 Apr 2027	Barcelona	Classroom	5 days	\$5,500
24 May – 4 Jun 2027	Frankfurt	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
3–7 Apr 2028	Tbilisi	Classroom	5 days	\$5,500
31 Jul – 11 Aug 2028	Stockholm	Classroom	10 days	\$9,900
14–18 Aug 2028	Amsterdam	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Baku	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
12–16 Feb 2029	Athens	Classroom	5 days	\$5,500
18 Feb – 1 Mar 2029	Manama	Classroom	10 days	\$9,900
9–13 Jul 2029	Rome	Classroom	5 days	\$5,500
27 Aug – 7 Sep 2029	Kigali	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Mar 2030	Cape Town	Classroom	5 days	\$5,500
22 Jul – 2 Aug 2030	Luanda	Classroom	10 days	\$9,900
16–20 Sep 2030	Manchester	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Barcelona	Classroom	10 days	\$9,900
21–25 Oct 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/process-instrumentation-and-measurement-masterclass/>

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Email: training@qimmatrainig.com

