



Instrumentation Drawings & P&IDs Masterclass

Instrumentation, Control & Automation

QGT-INS-180 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Instrumentation Drawings & P&IDs Masterclass is a senior-level masterclass on strategy and performance in Instrumentation Drawings & P&IDs. 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 Instrumentation Drawings & P&IDs
- 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 Instrumentation Drawings & P&IDs

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 Mar 2027	Johannesburg	Classroom	5 days	\$5,500
6–17 Jun 2027	Manama	Classroom	10 days	\$9,900
9–13 Aug 2027	Accra	Classroom	5 days	\$5,500
1–12 Nov 2027	Manchester	Classroom	10 days	\$9,900
22–26 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
9–13 Jan 2028	Erbil	Classroom	5 days	\$5,500
30 Apr – 11 May 2028	Amman	Classroom	10 days	\$9,900
10–14 Jul 2028	Singapore	Classroom	5 days	\$5,500
21 Aug – 1 Sep 2028	Abu Dhabi	Classroom	10 days	\$9,900
2–6 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
30 Apr – 4 May 2029	Brussels	Classroom	5 days	\$5,500
11–22 Jun 2029	Nairobi	Classroom	10 days	\$9,900
30 Jul – 3 Aug 2029	Houston	Classroom	5 days	\$5,500
27 Aug – 7 Sep 2029	Zurich	Classroom	10 days	\$9,900
15–19 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2030	Barcelona	Classroom	5 days	\$5,500
1–12 Apr 2030	Prague	Classroom	10 days	\$9,900
29 Apr – 3 May 2030	Manchester	Classroom	5 days	\$5,500
28 Jul – 8 Aug 2030	Jeddah	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/instrumentation-drawings-and-pandids-masterclass/>

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