



Industrial Communication & Fieldbus: Practical Workshop

Instrumentation, Control & Automation

QGT-INS-153 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Industrial Communication & Fieldbus: Practical Workshop is a hands-on workshop built around exercises and real site problems in Industrial Communication & Fieldbus. 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 Industrial Communication & Fieldbus
- 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for instrument and control engineers, technicians and control room staff who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Industrial Communication & Fieldbus scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
18–22 Jan 2027	Edinburgh	Classroom	5 days	\$5,500
18–29 Jul 2027	Jeddah	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Rome	Classroom	5 days	\$5,500
15–26 Nov 2027	Dublin	Classroom	10 days	\$9,900
29 Nov – 3 Dec 2027	Online (live)	Online (live)	5 days	\$3,000
23–27 Jan 2028	Amman	Classroom	5 days	\$5,500
28 Feb – 10 Mar 2028	Singapore	Classroom	10 days	\$9,900
17–21 Jul 2028	Baku	Classroom	5 days	\$5,500
7–18 Aug 2028	Accra	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
22–26 Jan 2029	Zurich	Classroom	5 days	\$5,500
12–23 Mar 2029	Manchester	Classroom	10 days	\$9,900
25–29 Jun 2029	Singapore	Classroom	5 days	\$5,500
13–24 Aug 2029	Beirut	Classroom	10 days	\$9,900
20–24 Aug 2029	Online (live)	Online (live)	5 days	\$3,000
8–12 Apr 2030	Brussels	Classroom	5 days	\$5,500
21 Apr – 2 May 2030	Cairo	Classroom	10 days	\$9,900
20–24 May 2030	Prague	Classroom	5 days	\$5,500
16–27 Jun 2030	Dammam	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/industrial-communication-and-fieldbus-practical-workshop/>

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