



Wireless Instrumentation

Instrumentation, Control & Automation

QGT-INS-120 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Wireless Instrumentation is an introduction that builds a solid working knowledge in Wireless Instrumentation. 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 Wireless Instrumentation
- 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Wireless Instrumentation fits into daily operations

Day 2: Codes, standards and requirements

What ISA, IEC 61511, IEC 61508 and IEC 62443 require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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	Brussels	Classroom	5 days	\$5,500
14–25 Feb 2027	Amman	Classroom	10 days	\$9,900
16–20 May 2027	Algiers	Classroom	5 days	\$5,500
24 May – 4 Jun 2027	Stockholm	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
14–18 Feb 2028	Amsterdam	Classroom	5 days	\$5,500
18–29 Jun 2028	Erbil	Classroom	10 days	\$9,900
10–14 Jul 2028	Accra	Classroom	5 days	\$5,500
17–28 Sep 2028	Dammam	Classroom	10 days	\$9,900
23–27 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
7–11 Jan 2029	Doha	Classroom	5 days	\$5,500
5–16 Feb 2029	Singapore	Classroom	10 days	\$9,900
14–18 May 2029	Edinburgh	Classroom	5 days	\$5,500
28 May – 8 Jun 2029	Baku	Classroom	10 days	\$9,900
8–12 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
10–14 Mar 2030	Alexandria	Classroom	5 days	\$5,500
26 May – 6 Jun 2030	Al Khobar	Classroom	10 days	\$9,900
2–6 Sep 2030	Amsterdam	Classroom	5 days	\$5,500
14–25 Oct 2030	Budapest	Classroom	10 days	\$9,900
25–29 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/wireless-instrumentation/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

