



Functional Safety IEC 61511: Practical Workshop

Instrumentation, Control & Automation

QGT-INS-150 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Functional Safety IEC 61511: Practical Workshop is a hands-on workshop built around exercises and real site problems in Functional Safety IEC 61511. 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 Functional Safety IEC 61511
- 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 Functional Safety IEC 61511 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
2–6 Aug 2027	Budapest	Classroom	5 days	\$5,500
18–29 Oct 2027	Tbilisi	Classroom	10 days	\$9,900
1–5 Nov 2027	Johannesburg	Classroom	5 days	\$5,500
7–18 Nov 2027	Algiers	Classroom	10 days	\$9,900
15–19 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
20–24 Mar 2028	Baku	Classroom	5 days	\$5,500
19–30 Jun 2028	Budapest	Classroom	10 days	\$9,900
11–15 Sep 2028	Stockholm	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Kuala Lumpur	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Athens	Classroom	5 days	\$5,500
5–16 Mar 2029	Accra	Classroom	10 days	\$9,900
9–13 Apr 2029	Zurich	Classroom	5 days	\$5,500
20–31 May 2029	Riyadh	Classroom	10 days	\$9,900
1–5 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
18–22 Feb 2030	Athens	Classroom	5 days	\$5,500
31 Mar – 11 Apr 2030	Muscat	Classroom	10 days	\$9,900
27–31 May 2030	Brussels	Classroom	5 days	\$5,500
11–22 Nov 2030	Stockholm	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/functional-safety-iec-61511-practical-workshop/>

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