



Functional Safety IEC 61511 Masterclass

Instrumentation, Control & Automation

QGT-INS-171 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Functional Safety IEC 61511 Masterclass is a senior-level masterclass on strategy and performance 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
- 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 Functional Safety IEC 61511

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
7–11 Feb 2027	Erbil	Classroom	5 days	\$5,500
22 Mar – 2 Apr 2027	Tbilisi	Classroom	10 days	\$9,900
24–28 May 2027	Johannesburg	Classroom	5 days	\$5,500
21 Jun – 2 Jul 2027	Bangkok	Classroom	10 days	\$9,900
27 Sep – 1 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
10–14 Jul 2028	Rome	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2028	Muscat	Classroom	10 days	\$9,900
21–25 Aug 2028	Houston	Classroom	5 days	\$5,500
4–15 Sep 2028	Sharjah	Classroom	10 days	\$9,900
27 Nov – 1 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
5–9 Mar 2029	Prague	Classroom	5 days	\$5,500
11–22 Mar 2029	Alexandria	Classroom	10 days	\$9,900
4–8 Jun 2029	Istanbul	Classroom	5 days	\$5,500
25 Jun – 6 Jul 2029	Marrakech	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
4–8 Mar 2030	Tbilisi	Classroom	5 days	\$5,500
3–14 Jun 2030	Johannesburg	Classroom	10 days	\$9,900
24–28 Jun 2030	Toronto	Classroom	5 days	\$5,500
21 Oct – 1 Nov 2030	Manchester	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-masterclass/>

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