



Robotics & Autonomous Inspection

Future Skills

QGT-FUT-107 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Robotics & Autonomous Inspection is an introduction that builds a solid working knowledge in Robotics & Autonomous Inspection. It covers the principles, the requirements of ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice, 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 Robotics & Autonomous Inspection
- Apply the relevant requirements of ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice
- 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 professionals, managers and technical teams preparing for the technologies and jobs of 2030, 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 Robotics & Autonomous Inspection fits into daily operations

Day 2: Codes, standards and requirements

What ISO/IEC 42001, ISSB standards, IEC 62443 and leading industry practice 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	Copenhagen	Classroom	5 days	\$5,500
7–18 Mar 2027	Doha	Classroom	10 days	\$9,900
14–18 Mar 2027	Jeddah	Classroom	5 days	\$5,500
19–30 Jul 2027	Beirut	Classroom	10 days	\$9,900
20–24 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
25–29 Jun 2028	Sharm El Sheikh	Classroom	5 days	\$5,500
6–17 Aug 2028	Alexandria	Classroom	10 days	\$9,900
23–27 Oct 2028	Dubai	Classroom	5 days	\$5,500
29 Oct – 9 Nov 2028	Jeddah	Classroom	10 days	\$9,900
4–8 Dec 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Feb 2029	Baku	Classroom	5 days	\$5,500
13–24 May 2029	Jeddah	Classroom	10 days	\$9,900
25–29 Jun 2029	Tunis	Classroom	5 days	\$5,500
12–23 Aug 2029	Salalah	Classroom	10 days	\$9,900
15–19 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
14–18 Jan 2030	Lisbon	Classroom	5 days	\$5,500
4–15 Mar 2030	Marrakech	Classroom	10 days	\$9,900
18–22 Mar 2030	Athens	Classroom	5 days	\$5,500
8–19 Jul 2030	Amsterdam	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/robotics-and-autonomous-inspection/>

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