



Measurement Systems Analysis (MSA): Advanced Level

Quality & ISO Management

QGT-QMS-138 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Measurement Systems Analysis (MSA): Advanced Level is an advanced programme for experienced practitioners in Measurement Systems Analysis (MSA). It covers the principles, the requirements of ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge, 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 Measurement Systems Analysis (MSA)
- Apply the relevant requirements of ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge
- Apply advanced analysis methods to real operating data
- 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 quality managers, auditors, engineers and process owners with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ISO 9001, ISO 19011, ISO 31000 and ASQ bodies of knowledge

Day 2: Advanced analysis methods

Detailed techniques, data interpretation and calculations

Day 3: Design and performance optimisation

Improving reliability, efficiency and cost

Day 4: Troubleshooting complex cases

Diagnosing multi-cause problems from field data

Day 5: Risk, decisions and integration

Building a risk-based plan and presenting recommendations

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
15–26 Feb 2027	Nairobi	Classroom	10 days	\$9,900
15–19 Mar 2027	Geneva	Classroom	5 days	\$5,500
22 Mar – 2 Apr 2027	Berlin	Classroom	10 days	\$9,900
19–23 Apr 2027	Istanbul	Classroom	5 days	\$5,500
25 Oct – 5 Nov 2027	Online (live)	Online (live)	10 days	\$5,500
10–21 Jan 2028	Kigali	Classroom	10 days	\$9,900
21–25 Feb 2028	Baku	Classroom	5 days	\$5,500
12–23 Jun 2028	Brussels	Classroom	10 days	\$9,900
17–21 Jul 2028	Accra	Classroom	5 days	\$5,500
9–20 Oct 2028	Online (live)	Online (live)	10 days	\$5,500
9–20 Apr 2029	Casablanca	Classroom	10 days	\$9,900
21–25 May 2029	Lagos	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Toronto	Classroom	10 days	\$9,900
1–5 Oct 2029	Baku	Classroom	5 days	\$5,500
3–14 Dec 2029	Online (live)	Online (live)	10 days	\$5,500
1–12 Apr 2030	Bangkok	Classroom	10 days	\$9,900
9–13 Jun 2030	Sharm El Sheikh	Classroom	5 days	\$5,500
29 Jul – 9 Aug 2030	Stockholm	Classroom	10 days	\$9,900
22–26 Sep 2030	Alexandria	Classroom	5 days	\$5,500
21 Oct – 1 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/measurement-systems-analysis-msa-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

