



Precision Maintenance Practices: Advanced Level

Maintenance & Reliability

QGT-MRE-143 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Precision Maintenance Practices: Advanced Level is an advanced programme for experienced practitioners in Precision Maintenance Practices. It covers the principles, the requirements of ISO 55001, ISO 14224, SAE JA1011 and SMRP best 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 Precision Maintenance Practices
- Apply the relevant requirements of ISO 55001, ISO 14224, SAE JA1011 and SMRP best practice
- 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 maintenance engineers, planners, reliability engineers and supervisors with at least three years of experience.

Course outline (5 days)

Day 1: Core principles revisited

Fast review and recent changes in ISO 55001, ISO 14224, SAE JA1011 and SMRP best practice

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
5–16 Apr 2027	Marrakech	Classroom	10 days	\$9,900
26–30 Apr 2027	Budapest	Classroom	5 days	\$5,500
30 Aug – 10 Sep 2027	Brussels	Classroom	10 days	\$9,900
13–17 Sep 2027	Vienna	Classroom	5 days	\$5,500
20 Sep – 1 Oct 2027	Online (live)	Online (live)	10 days	\$5,500
27 Mar – 7 Apr 2028	Munich	Classroom	10 days	\$9,900
17–21 Apr 2028	Frankfurt	Classroom	5 days	\$5,500
14–25 May 2028	Kuwait City	Classroom	10 days	\$9,900
28 Aug – 1 Sep 2028	Geneva	Classroom	5 days	\$5,500
25 Sep – 6 Oct 2028	Online (live)	Online (live)	10 days	\$5,500
22 Jan – 2 Feb 2029	London	Classroom	10 days	\$9,900
16–20 Apr 2029	Casablanca	Classroom	5 days	\$5,500
14–25 May 2029	Kigali	Classroom	10 days	\$9,900
15–19 Oct 2029	Zurich	Classroom	5 days	\$5,500
26 Nov – 7 Dec 2029	Online (live)	Online (live)	10 days	\$5,500
27 Jan – 7 Feb 2030	Al Khobar	Classroom	10 days	\$9,900
18–22 Mar 2030	Tunis	Classroom	5 days	\$5,500
19–30 Aug 2030	Nairobi	Classroom	10 days	\$9,900
18–22 Nov 2030	Edinburgh	Classroom	5 days	\$5,500
2–13 Dec 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/precision-maintenance-practices-advanced-level/>

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