



Vibration Analysis: Advanced Level

Maintenance & Reliability

QGT-MRE-126 | Advanced | 5 or 10 days | Online, classroom, in-house

Course overview

Vibration Analysis: Advanced Level is an advanced programme for experienced practitioners in Vibration Analysis. 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 Vibration Analysis
- 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
18–29 Jan 2027	Edinburgh	Classroom	10 days	\$9,900
12–16 Apr 2027	Barcelona	Classroom	5 days	\$5,500
19–30 Jul 2027	Beirut	Classroom	10 days	\$9,900
9–13 Aug 2027	Dublin	Classroom	5 days	\$5,500
6–17 Dec 2027	Online (live)	Online (live)	10 days	\$5,500
7–18 Feb 2028	Vienna	Classroom	10 days	\$9,900
16–20 Apr 2028	Jeddah	Classroom	5 days	\$5,500
15–26 May 2028	Dubai	Classroom	10 days	\$9,900
10–14 Jul 2028	Marrakech	Classroom	5 days	\$5,500
14–25 Aug 2028	Online (live)	Online (live)	10 days	\$5,500
15–26 Jan 2029	Bangkok	Classroom	10 days	\$9,900
19–23 Mar 2029	Baku	Classroom	5 days	\$5,500
26 Aug – 6 Sep 2029	Kuwait City	Classroom	10 days	\$9,900
10–14 Sep 2029	Munich	Classroom	5 days	\$5,500
26 Nov – 7 Dec 2029	Online (live)	Online (live)	10 days	\$5,500
11–22 Feb 2030	Dublin	Classroom	10 days	\$9,900
26–30 Aug 2030	Madrid	Classroom	5 days	\$5,500
30 Sep – 11 Oct 2030	Accra	Classroom	10 days	\$9,900
28 Oct – 1 Nov 2030	Dubai	Classroom	5 days	\$5,500
4–15 Nov 2030	Online (live)	Online (live)	10 days	\$5,500

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/vibration-analysis-advanced-level/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

