



Vibration Analysis Masterclass

Maintenance & Reliability

QGT-MRE-170 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Vibration Analysis Masterclass is a senior-level masterclass on strategy and performance 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
- 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 maintenance engineers, planners, reliability engineers and supervisors in senior and leadership roles.

Course outline (5 days)

Day 1: Strategic view of Vibration Analysis

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
31 Jan – 4 Feb 2027	Muscat	Classroom	5 days	\$5,500
7–18 Jun 2027	Beirut	Classroom	10 days	\$9,900
30 Aug – 3 Sep 2027	Tbilisi	Classroom	5 days	\$5,500
6–17 Sep 2027	Berlin	Classroom	10 days	\$9,900
4–8 Oct 2027	Online (live)	Online (live)	5 days	\$3,000
27–31 Mar 2028	Geneva	Classroom	5 days	\$5,500
15–26 May 2028	London	Classroom	10 days	\$9,900
3–7 Jul 2028	Tbilisi	Classroom	5 days	\$5,500
24 Jul – 4 Aug 2028	Barcelona	Classroom	10 days	\$9,900
11–15 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
11–15 Feb 2029	Jeddah	Classroom	5 days	\$5,500
12–23 Mar 2029	Geneva	Classroom	10 days	\$9,900
16–20 Apr 2029	Athens	Classroom	5 days	\$5,500
30 Apr – 11 May 2029	London	Classroom	10 days	\$9,900
22–26 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
21–25 Jan 2030	Lagos	Classroom	5 days	\$5,500
1–12 Apr 2030	Houston	Classroom	10 days	\$9,900
26–30 May 2030	Kuwait City	Classroom	5 days	\$5,500
17–28 Jun 2030	Singapore	Classroom	10 days	\$9,900
15–19 Jul 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

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

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