



Reliability Engineering & Weibull Analysis: Practical Workshop

Maintenance & Reliability

QGT-MRE-157 | Practical workshop | 5 or 10 days | Online, classroom, in-house

Course overview

Reliability Engineering & Weibull Analysis: Practical Workshop is a hands-on workshop built around exercises and real site problems in Reliability Engineering & Weibull 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 Reliability Engineering & Weibull 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
- Prepare an improvement plan for their own site or organisation

Who should attend

Designed for maintenance engineers, planners, reliability engineers and supervisors who want practice rather than theory.

Course outline (5 days)

Day 1: Workshop briefing and baseline

Participants bring a real problem from their own site

Day 2: Guided practice 1

Hands-on exercises using templates, checklists and calculators

Day 3: Guided practice 2

Simulations and role-play based on Reliability Engineering & Weibull Analysis scenarios

Day 4: Field cases from the Gulf and Africa

Analysing what went wrong and what worked

Day 5: Action plan and peer review

Each participant leaves with a reviewed improvement plan

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
18–22 Jan 2027	Abu Dhabi	Classroom	5 days	\$5,500
28 Mar – 8 Apr 2027	Riyadh	Classroom	10 days	\$9,900
19–23 Jul 2027	Singapore	Classroom	5 days	\$5,500
27 Sep – 8 Oct 2027	Tunis	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
31 Jan – 4 Feb 2028	Dublin	Classroom	5 days	\$5,500
6–17 Mar 2028	Istanbul	Classroom	10 days	\$9,900
29 May – 2 Jun 2028	Paris	Classroom	5 days	\$5,500
30 Oct – 10 Nov 2028	Bangkok	Classroom	10 days	\$9,900
6–10 Nov 2028	Online (live)	Online (live)	5 days	\$3,000
8–12 Jan 2029	Rome	Classroom	5 days	\$5,500
19 Feb – 2 Mar 2029	Tunis	Classroom	10 days	\$9,900
15–19 Jul 2029	Alexandria	Classroom	5 days	\$5,500
17–28 Sep 2029	Houston	Classroom	10 days	\$9,900
8–12 Oct 2029	Online (live)	Online (live)	5 days	\$3,000
25–29 Mar 2030	Milan	Classroom	5 days	\$5,500
22 Apr – 3 May 2030	Prague	Classroom	10 days	\$9,900
8–12 Sep 2030	Doha	Classroom	5 days	\$5,500
28 Oct – 8 Nov 2030	Bangkok	Classroom	10 days	\$9,900
2–6 Dec 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/reliability-engineering-and-weibull-analysis-practical-worksheets>

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