



Reliability Engineering & Weibull Analysis

Maintenance & Reliability

QGT-MRE-113 | Foundation | 5 or 10 days | Online, classroom, in-house

Course overview

Reliability Engineering & Weibull Analysis is an introduction that builds a solid working knowledge 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, new joiners and anyone who needs a solid grounding in the subject.

Course outline (5 days)

Day 1: Principles and terminology

Scope, key definitions and how Reliability Engineering & Weibull Analysis fits into daily operations

Day 2: Codes, standards and requirements

What ISO 55001, ISO 14224, SAE JA1011 and SMRP best practice require, and how to read them

Day 3: Methods, tools and calculations

Step-by-step methods, checklists and worked examples

Day 4: Operation, inspection and common problems

Typical failures, warning signs and what to do about them

Day 5: Case studies, workshop and assessment

Group exercise on real cases and a final knowledge check

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
8–12 Mar 2027	London	Classroom	5 days	\$5,500
28 Jun – 9 Jul 2027	Bangkok	Classroom	10 days	\$9,900
9–13 Aug 2027	Houston	Classroom	5 days	\$5,500
22 Aug – 2 Sep 2027	Manama	Classroom	10 days	\$9,900
13–17 Sep 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Tbilisi	Classroom	5 days	\$5,500
31 Jan – 11 Feb 2028	Toronto	Classroom	10 days	\$9,900
13–17 Feb 2028	Manama	Classroom	5 days	\$5,500
12–23 Mar 2028	Doha	Classroom	10 days	\$9,900
9–13 Oct 2028	Online (live)	Online (live)	5 days	\$3,000
19–23 Mar 2029	Singapore	Classroom	5 days	\$5,500
17–28 Jun 2029	Al Khobar	Classroom	10 days	\$9,900
23–27 Jul 2029	Sharjah	Classroom	5 days	\$5,500
30 Jul – 10 Aug 2029	Johannesburg	Classroom	10 days	\$9,900
17–21 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
15–19 Apr 2030	Kuala Lumpur	Classroom	5 days	\$5,500
12–23 May 2030	Jeddah	Classroom	10 days	\$9,900
28 Jul – 1 Aug 2030	Salalah	Classroom	5 days	\$5,500
23 Sep – 4 Oct 2030	Istanbul	Classroom	10 days	\$9,900
21–25 Oct 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/>

WhatsApp: +971 50 697 0908

Email: training@qimmatrainig.com

