



Root Cause Failure Analysis (RCFA) Masterclass

Maintenance & Reliability

QGT-MRE-172 | Masterclass | 5 or 10 days | Online, classroom, in-house

Course overview

Root Cause Failure Analysis (RCFA) Masterclass is a senior-level masterclass on strategy and performance in Root Cause Failure Analysis (RCFA). 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 Root Cause Failure Analysis (RCFA)
- 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 Root Cause Failure Analysis (RCFA)

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
15–19 Feb 2027	Lisbon	Classroom	5 days	\$5,500
14–25 Jun 2027	Munich	Classroom	10 days	\$9,900
5–9 Jul 2027	Copenhagen	Classroom	5 days	\$5,500
23 Aug – 3 Sep 2027	Edinburgh	Classroom	10 days	\$9,900
8–12 Nov 2027	Online (live)	Online (live)	5 days	\$3,000
24–28 Jan 2028	Accra	Classroom	5 days	\$5,500
17–28 Apr 2028	Marrakech	Classroom	10 days	\$9,900
31 Jul – 4 Aug 2028	Zurich	Classroom	5 days	\$5,500
11–22 Sep 2028	Abu Dhabi	Classroom	10 days	\$9,900
18–22 Sep 2028	Online (live)	Online (live)	5 days	\$3,000
15–19 Jan 2029	Bangkok	Classroom	5 days	\$5,500
16–27 Apr 2029	Lagos	Classroom	10 days	\$9,900
24–28 Jun 2029	Jeddah	Classroom	5 days	\$5,500
19–30 Aug 2029	Muscat	Classroom	10 days	\$9,900
3–7 Sep 2029	Online (live)	Online (live)	5 days	\$3,000
28 Apr – 2 May 2030	Cairo	Classroom	5 days	\$5,500
6–17 May 2030	Milan	Classroom	10 days	\$9,900
5–9 Aug 2030	Abu Dhabi	Classroom	5 days	\$5,500
14–25 Oct 2030	Geneva	Classroom	10 days	\$9,900
18–22 Nov 2030	Online (live)	Online (live)	5 days	\$3,000

How to register

Register online or scan the code

<https://qimmatrainig.com/courses/root-cause-failure-analysis-rcfa-masterclass/>

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