Elevora
Global Training

COURSE BROCHURE

Root Cause Failure Analysis

Maintenance & Reliability

Code	Duration	Formats	Language	Certificate
MR-105	**5 or 10 days**	**Classroom, live online, in-house, blended**	**English or Arabic**	**Certificate of completion**

A practical maintenance and reliability course covering failure analysis principles, physical, human and latent roots and evidence and failure modes. Run as a 5-day core or 10-day extended programme, in 16 cities, live online or in-house, and fully customisable for your team.

About this course

Root Cause Failure Analysis gives delegates a structured, practical understanding of failure analysis principles and physical, human and latent roots, then builds the skills to apply evidence and failure modes, analysis tools and eliminating recurrence in real work. Sessions are led by practitioners with at least 15 years in the field.

Who should attend

Maintenance managers, planners, reliability engineers, inspection staff and asset managers.

What you will learn

- Failure analysis principles
- Physical, human and latent roots
- Evidence and failure modes
- Analysis tools
- Eliminating recurrence

5-day course outline

Day 1	**Failure analysis principles**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**Physical, human and latent roots**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**Evidence and failure modes**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Analysis tools**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Eliminating recurrence**	Integration exercise, final knowledge check and a personal action plan.

10-day extended programme

Includes the full 5-day outline, plus a second week of applied work:

Day 6	**Applied workshop: Failure analysis principles** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: Physical, human and latent roots and evidence and failure modes** — Group exercises that combine methods from week one.
Day 8	**Field case study: Analysis tools** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Eliminating recurrence** — Tools, templates and checklists to take back to work.
Day 10	**Assessed project and presentation** — Each delegate presents an improvement plan and completes the final assessment.

Upcoming classroom dates

More dates, cities and live online sessions on request.

Dates	City	Length	Fee per delegate
16 Nov 2026 to 20 Nov 2026	Dubai	5 days	**$2,450**
14 Dec 2026 to 25 Dec 2026	Istanbul	10 days	**$4,450**
18 Jan 2027 to 29 Jan 2027	Amsterdam	10 days	**$6,250**
1 Feb 2027 to 12 Feb 2027	Dubai	10 days	**$4,450**
15 Mar 2027 to 26 Mar 2027	London	10 days	**$6,250**

Fees per delegate (2026 to 2027)

Format	5 days	10 days
Classroom: Dubai, Istanbul, Cairo, Kuala Lumpur	**$2,450**	**$4,450**
Classroom: London, Europe, Singapore	**$3,450**	**$6,250**
Live online	**$1,450**	**$2,650**
In-house, group of up to 15	**From $12,900**	**From $23,500**

Classroom fees include tuition, materials, lunch and refreshments, and a certificate. 10% group saving for 3 delegates, 15% for 5 or more.

Tailored to your team

Change the level, language, length (1 to 20 days) and format, add topics from other courses or entirely new topics, and include your own case studies, site visits or exam preparation. Build it online for an instant indicative fee.

Register or request an in-house proposal

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