Elevora
Global Training

COURSE BROCHURE

Functional Safety (IEC 61511) and SIL

Health, Safety & Environment

Most demanded | Rising demand 2027

Code	Duration	Formats	Language	Certificate
HS-113	5 or 10 days	Classroom, live online, in-house, blended	English or Arabic	Certificate of completion

A practical health, safety and environment course covering functional safety life cycle, IEC 61511 requirements and SIL determination and LOPA. 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

Functional Safety (IEC 61511) and SIL gives delegates a structured, practical understanding of functional safety life cycle and IEC 61511 requirements, then builds the skills to apply SIL determination and LOPA, safety instrumented system design and verification, validation and proof testing in real work. Sessions are led by practitioners with at least 15 years in the field.

What you will learn

- Functional safety life cycle
- IEC 61511 requirements
- SIL determination and LOPA
- Safety instrumented system design
- Verification, validation and proof testing

Who should attend

HSE professionals, supervisors, engineers, auditors and line managers responsible for safe operations.

5-day course outline

Day 1	**Functional safety life cycle**	Concepts, standards and terminology, with a diagnostic exercise to baseline the group.
Day 2	**IEC 61511 requirements**	Methods and tools explained step by step, with worked examples from real operations.
Day 3	**SIL determination and LOPA**	Hands-on practice in small groups using realistic data, cases and templates.
Day 4	**Safety instrumented system design**	Case studies of successes and failures, and how to apply the lessons in your organisation.
Day 5	**Verification, validation and proof testing**	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: Functional safety life cycle** — Deeper practice with your own data or site examples.
Day 7	**Applied workshop: IEC 61511 requirements and SIL determination and LOPA** — Group exercises that combine methods from week one.
Day 8	**Field case study: Safety instrumented system design** — A detailed industry case worked through from start to finish.
Day 9	**Advanced practice: Verification, validation and proof testing** — 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 27 Nov 2026	London	10 days	**$6,250**
21 Dec 2026 to 25 Dec 2026	Kuala Lumpur	5 days	**$2,450**
11 Jan 2027 to 15 Jan 2027	Amsterdam	5 days	**$3,450**
8 Feb 2027 to 12 Feb 2027	Amsterdam	5 days	**$3,450**
8 Mar 2027 to 12 Mar 2027	Kuala Lumpur	5 days	**$2,450**

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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