

Functional Safety Courses

Course 1 - Introduction to Functional Safety (0.5 day)

This course is designed to raise awareness of functional safety.

Key Elements

- Introduction to functional safety
- The legislative framework
- Accidents and prosecutions in the sector
- Overview of relevant standards (IEC61508 and IEC61511)
- The safety lifecycle
- Functional safety management
- Operations and maintenance requirements, including proof testing
- Change management

Course 2 - Functional Safety for Managers & Engineers (1 day)

This course is designed to 'set the scene' for managers and engineers who may come into contact with functional safety.

Key Elements

- Background
- Introduction to functional safety
- The legislative framework
- Accidents and prosecutions in the sector
- Overview of relevant standards (IEC61508 and IEC61511)
- The safety lifecycle
- Functional safety management
- Hazard identification and risk analysis
- Design of safety related systems - considerations
- Verification and validation of safety related systems - considerations
- Operations and maintenance requirements, including proof testing
- Change management
- Configuration management
- Functional safety audits and assessments
- Competence management

Course 3 - Functional Safety for Technicians (2 days)

This course is designed for technicians who are involved in operating or maintaining safety related systems.

Key Elements

- Background
- Introduction to functional safety
- Accidents in the sector
- The safety lifecycle
- Functional safety management
- Hazard identification and risk analysis
- Operation
- Proof testing
- Maintenance and inspection
- Management of change and impact analysis
- Management of overrides
- Recording of plant maintenance data
- Plant modifications

WHO SHOULD ATTEND THESE ?

Project Managers
Managers and Supervisors
Engineers
Technicians and Operators
or any technical personnel wanting to familiarise themselves with functional safety

COURSE DETAILS

Course 1	\$450.00
Course 2	\$995.00
Course 3	\$1950.00

In-house and customised courses can be provided.

Contact us for details.

CONTACT DETAILS

For further information or to register, contact:

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For a full list of our training courses visit:

www.hima.com.au



SAFETY
NONSTOP