

Learn how to implement ISO 26262 across your organization

Introductory training for functional safety managers



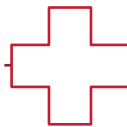
Executive overview training based on the ISO 26262 standard

This half-day training session covers functional safety for the executive manager, using the state-of-the-art ISO 26262 standard as a guiding template.

The goal is to inform managers and responsible engineers of the implications of ISO 26262 to the company, its products and processes. The session begins with an introduction to the core concepts of functional safety, the ISO 26262 standard and the functional safety management framework. The standard's concept for the systems, hardware, and software requirements are reviewed from a management perspective. This training is broken into two modules with a short break in between. Time is reserved at the end of the training session for interactive questions and answers.

Training topics

- Safety management
- Item definition
- Hazard analysis and risk assessment (HARA)
- Functional and technical safety concepts
- Safety requirements
- Hardware metrics
- Software process requirements
- Validation and assessment processes



Safety culture



Safety management



Safety processes



Safety cases



Practice automotive functional safety with your team

Objectives

Upon completion of this workshop, you will be able to:

- Establish safety-related roles and responsibilities within your organization
- Build a safety management system in accordance with the requirements of ISO 26262 part 2
- Develop a safety plan for your safety-related program using ISO 26262
- Build a framework for an ISO 26262 safety case
- Begin the process of establishing and growing safety culture within your product development team
- Interact with your customers, suppliers, employees and stakeholders on the main activities contained within the ISO 26262 standard for functional safety
- Lead your organization as it implements ISO 26262 processes for safety management

Target audience

- Engineering managers
- Directors and VP-level executives
- Senior/principal engineering staff
- Engineers and developers
- Sales and purchasing personnel

Why choose kVA by UL?

Our team's expansive knowledge of the automotive product development lifecycle sets us apart in the functional safety industry. From hazard analysis to functional design and validation target-setting, the engineers at kVA by UL understand safety for complex electronic systems.

Expert trainers – kVA by UL's training provides an in-depth overview of the methodologies used in the ISO 26262 and ISO/PAS 21448 Standards. Our trainers are experienced automotive engineers who have designed and validated real-world automotive systems at major automotive companies worldwide.

Advisory support – Our services span across autonomous vehicles, connectivity of electronic modules and infotainment, semiconductors, cybersecurity and robotics.

For more information, call 1.864.630.5373, email: kvasales@ul.com or visit kvausa.com.