IEC 61508:2010

Functional Safety Introductory Training

Date:	**On Request**
Duration:	**0.5 Days**
Location:	**Private Virtual or In-Person**
Price:	**On Request**

Why SRES?

At SRES, our training courses are guided by industry professionals with extensive real-world experience, providing you with practical insights and knowledge to excel in the rapidly evolving fields of Functional Safety, Cybersecurity, and Responsible AI.

Course Overview:

This half-day training is an introductory course on functional safety using the state-of-the-art IEC 61508:2010 standard. It is ideal for those unfamiliar with functional safety and for executive management wanting a better understanding of the requirements for their organization to develop towards compliance. IEC 61508:2010 covers all safety critical systems where an industry specific functional safety standard doesn't exist and is irrespective of the application. The training is provided by functional safety experts with vast experience working with manufacturers, suppliers and semiconductor manufacturers to successfully build functional safety into their organizations.

Training Objectives:

IEC 61508:2010 serves as the foundational standard for many application specific functional safety standards. The objective with this training is to provide managers and engineers insights of these generically-based functional safety concepts to help them build the critical infrastructure of their organization to meet the objectives of IEC 61508:2010. The training provides an overview of all the key aspects everyone must know about functional safety. The course offers opportunities for questions and exchange of experience from SecuRESafe's functional safety experts.

- **Safety Management - How should we structure our organization?**
- **Overall Safety Requirements - What is our concept?**
- **Hazard and Risk Assessment - What techniques do we use?**
- **System Safety Requirements - What requirements are we responsible for?**
- **Hardware Metrics - Why do we need to do safety analyses?**
- **System and Software Safety Process Requirements**
- **Validation and Assessment Processes - Who is responsible for what?**

To register, please contact: www.sres.ai trainings@sres.ai +1.248.885.3380