



## C2 - MISRA Compliance for Project Managers

*Manage MISRA compliance, ensuring improved project outcomes and code quality in safety-critical systems*

### Objectives

- Understand the fundamentals of MISRA compliance management
- Improve negotiation skills for MISRA compliance in contracts
- Effectively plan and allocate resources for MISRA projects
- Manage compliance execution and monitor progress effectively
- Assess and defend MISRA compliance arguments confidently
- Minimize project risks and delays through informed decision-making

### Target audience

- Project managers, team leaders, and decision-makers responsible for overseeing safety-critical systems and ensuring compliance with MISRA standards in various industries.

### Prerequisites

- Familiarity with software development processes, and a general understanding of safety-critical systems. No prior MISRA experience is required.

### Course Environment

- Theoretical course
  - PDF course material (in English) supplemented by a printed version for face-to-face courses.
  - Online courses are dispensed using the Teams video-conferencing system.
  - The trainer answers trainees' questions during the training and provide technical and pedagogical assistance.
- At the start of each session the trainer will interact with the trainees to ensure the course fits their expectations and correct if needed

## Course Outline

### Introduction

- Overview of course objectives and learning outcomes
- Importance of MISRA compliance for project managers

### Introduction to the MISRA Guidelines

- Fundamentals of MISRA and its role in safety-critical systems
- Key concepts and principles of MISRA compliance

### MISRA Compliance

- Overview of MISRA Compliance document and its significance
- How to interpret and apply MISRA compliance in real-world projects
- Examples and case studies for practical understanding

## **MISRA Guidelines and Deviations**

- Handling deviations from MISRA guidelines effectively
- The decision-making process for comply vs deviate
- Documenting and managing deviations for compliance

## **Tools and Processes**

- Introduction to tools that assist in MISRA compliance
- Best practices for integrating tools into your development workflow
- Ensuring tool support for continuous MISRA compliance

## **Q&A**