



Price: € 1,190.00 excl. VAT
Duration: 2 consecutive days
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Intro

This is a comprehensive training for those who work in multi-disciplinary projects, where a strong dependency exists on information transformation from stakeholders to developers, implementers, integrators, testers, and maintenance responsibility. In the training a method is presented that ensures both the quality of requirements as well as a systematic way of translating information from one abstraction level to another without losing information in the translation process.

Intended for

Requirements engineers, business analysts, systems engineers, system architects, marketing professionals, project managers, quality assurance professionals. Prerequisite: an open mind for innovative methods to manage and engineer requirements.

Objective

The training aims to:

- Define the context and pre-conditions for specifying good requirements;
- Improve the requirement specification skills of the participants;
- Define steps to establish a well-defined requirements engineering process, leading to effectively writing good quality requirements;
- Give insight into how a product can be structured according to the complexity and dependencies as a result of decisions taken;
- Enable the trainees to implement transparency and traceability for their specifications.

Methods

Presentations, lecture-type parts, workshop-parts and exercises.

Certification

After attending, participants receive a High Tech Institute certificate.

Trainers

Cees Michielsen

Program

The training focuses on three dimensions:

1. The product dimension

- Describing the relevant abstraction levels of information that specify the product and their dependencies;
- Identification and specification of the product's architecture, systems, subsystems, disciplines, components and parts;
- Specification of the product architecture element requirements and design decisions, including their dependencies.

2. The process dimension

- With process steps, typical for each sector;
- Product development cycles (life cycle processes);
- Relationship between the process and the product dimension.

3. The people dimension

- Describing the skills and competencies of people directly or indirectly involved in the Requirements Engineering processes;
- The relationship between all three dimensions.

The 'Requirements engineering' training lays the foundation for consistent, transparent, traceable and verifiable requirements. A pre-requisite to develop large complex products in a multi-discipline environment. The examples and workshop parts will be tailored to fit the needs of the participants.