

## System requirements engineering improvement training

This training starts on: 29-10-2019

**Location:** Eindhoven  
**Price:** 1.190,00 euro excl. VAT  
**Duration:** 2 consecutive days  
**Contact:** [training@hightechinstitute.nl](mailto:training@hightechinstitute.nl), +31 85 401 3600

### Overview

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 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.

### Programme

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

Information is subject to change. Please contact [High Tech Institute](mailto:training@hightechinstitute.nl) for the latest course information and time schedule.

### Partner

#### Certification

After attending, participants receive a High Tech Institute certificate.

#### Course leader

BSc Ger Schoeber

#### Teacher

Cees Michielsen

#### Timetable

29-10-2019 | 09:00 - 17:00

30-10-2019 | 09:00 - 17:00

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.

### Methods

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