

TRAINING BROCHURE

System requirements engineering Awareness training



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System requirements engineering Awareness (1 day)

Price: On request
Duration: 1 day
Contact: training@hightechinstitute.nl, +31 85 401 3600

Intro

Are you finding it challenging to convey the importance and relevance of requirements to your colleagues, project leads, or management team? Invite them to this System requirements engineering Awareness training! This engaging, one-day workshop introduces participants to the essential process steps of SRE, defines what constitutes high-quality requirements, and demonstrates how to safeguard these qualities throughout a product's lifecycle. It's a unique opportunity for your team to ask those pressing questions they've always had in a comfortable, open, and safe environment.

We'll illuminate the pivotal role of SRE in the broader context of product development, outcomes, and tools. Participants will explore the benefits of requirements management tools and the latest advances in AI. Moreover, we'll share valuable tips, tricks, and lessons learned from over 30 years of industry experience with leading companies like Philips, DAF trucks, Lightyear, Vanderlande, ASML, VDL, and from civil engineering giants like Prorail, Rijkswaterstaat, and various Water Boards.

A handful of trends in the field of system requirements engineering, by trainer Cees Michielsen:

- [Trend 1: Getting your system requirements complete](#)
- [Trend 2: Good quality requirements](#)
- [Trend 3: Traceability](#)
- [Trend 4: The W model](#)
- [Trend 5: Tooling](#)

Objective

- To become aware of what Systems Requirements Engineering can do for you;
- To learn and benefit from the experiences of colleagues and competitors;
- To develop a passion for the Requirements domain as strong as ours.

Target audience

This training is intended for most roles in product development and civil engineering, including: architects, planners, testers, integrators, line management, sales, marketing, product management.



Certification

Participants will receive a course certificate from the High Tech Institute for attending this training. Additionally, if you are pursuing INCOSE certification or certification renewal, you can claim 8 PDUs (Professional Development Units) for completing this training.

Trainers

[Cees Michielsen](#)

** Prices are subject to change. Price correction will be applied at the end of the year.*

Keep me posted



Program

While the training is fully customizable and can be adapted into a practical workshop, it will always include the following elements:

- the System Requirements Engineering process;
- the definition and assurance of Requirements' Quality;
- the information structure (entity - relation);
- the context of System Requirements Engineering in the product development lifecycle;
- lessons learned from industry in the past 30 years.

Methods

IMPULS3, INCOSE, Volere, Planguage, IIBA, IREB, EARS, Kano, Elicitation techniques, SITIO

Trainers

Cees Michielsen

More information



Video with trainer Cees Michielsen

A 2-minute video in which trainer Cees Michielsen elaborates on system requirements engineering as being the starting point for most projects.

[Watch video](#)



Podcast (NL) with Cees Michielsen about system requirements

[Listen podcast](#)



Podcast (NL) about Trend 1: Getting your system requirements complete

[Listen podcast](#)



Podcast (NL) about Trend 2: Good quality requirements

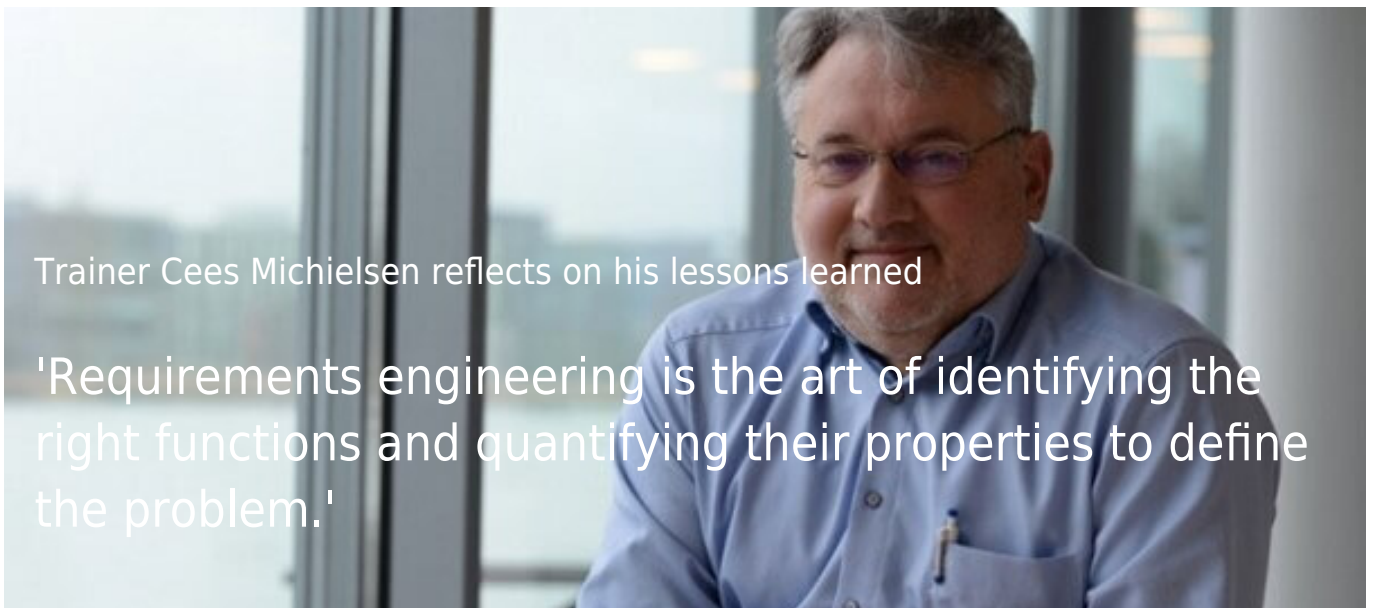
[Listen podcast](#)



Podcast (NL) about Trend 3: Traceability

[Listen podcast](#)

Read the interview:



A man with glasses and a blue shirt is looking out a window. The background is a blurred cityscape.

Cees Michielsen about changes in requirements engineering

"We have to implement what the customer wants in an efficient but correct way."