

Course Flyer

Certified Professional for Requirements Engineering

- Certification Course „Certified Professional for Requirements Engineering“
- Requirements elicitation, analysis and specification
- Requirements verification and documentation
- Requirements management



Description

The course content is based on the syllabus for the international certificate “Certified Professional for Requirements Engineering, Foundation Level”. The focus is on acquiring a solid understanding and practical knowledge of the basic concepts and methods of requirements engineering. Participants will learn basics and best practices that apply equally to all domains, e.g. embedded systems, systems critical to security or classic information systems. Great emphasis is placed on applying and practicing widely used methods for the development, documentation and testing of requirements engineering.

At the end of the third day participants will have the opportunity to sit the exam conducted by the local certification authority

Goals

After completing the course, participants will have gained an understanding of the basic motivation for requirements engineering and its role in the overall context of a project. They will have a sound knowledge of how to elicit, analyse, specify, consolidate, document, test and manage requirements. Participants will also be familiar with the main methods for each of these activities and with criteria for selecting the best approach for any given project.

Participants

The course is intended for beginners who have already come into contact with software and systems engineering in their work but who lack basic theoretical knowledge of requirements engineering. Although participants are not required to have a degree in computer science, they should have a basic understanding for software development.

Duration

3 days

Dates

On demand

Level

200 (Intermediate)

Content

- Basic requirements concepts
- Setting
- Basics of communication theory
- Types of requirements
- Requirements documentation
- Working with stakeholders
- Requirements elicitation, analysis and specification
- Testing requirements
- Managing requirements
- Traceability
- Requirements attributes and views
- Change management for requirements
- Tool support

Price

Upon request

Language

English

Organisation

The course can be delivered in any Zühlke office or a mutually agreed location

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