

Training information 2019

- Location and dates: check the training calendar
- Schedule: 9.15 - 17.00
- Fee: € 1.495, excluding VAT, excluding examination fee € 250
- Coffee, tea, lunch and training material (a.o. the book "Requirements Engineering Fundamentals") are included in the training fee
- Three months free e-coaching
- Information: phone +31 (0)40 – 202 1803 or e-mail opleidingen@improveqs.nl

Possibilities in-house training

Improve provides this training in house and tailored to your specific situation or needs upon request. For further information, please contact us at +31 40 - 202 1803 or opleidingen@improveqs.nl

REGISTRATION

You can register for this training on our website

Improve Quality Services BV
Prof. Dr. Dorgelolaan 30
5613 AM Eindhoven
The Netherlands
www.improveqs.nl

An internationally recognized standard in Requirements Engineering and Management

IREB

IREB Foundation

Improve your knowledge and skills in the field of Requirements Engineering and Management based on international standards and prepare for the exam Certified Professional for Requirements Engineering Foundation Level.

On all registrations and courses our general and additional conditions apply:
www.improveqs.nl/contact/algemene-voorwaarden



consult.



train.



practice.



IREB

IREB Foundation

The International Requirements Engineering Board (IREB) is an international nonprofit organization that focuses on the further professionalization of the Requirements discipline.

Within IREB requirements engineering experts like Chris Rupp and Suzanne Robertson are member of the international board. Meanwhile IREB developed a certification program for Requirements Engineering (CPRE). The internationally recognized examinations are conducted by the International Software Quality Institute (ISQI).

The curriculum has three levels:

- Foundation Certificate
- Advanced Certificate
- Expert Certificate

This three-day accredited course prepares you for the exam "Certified Professional for Requirements Engineering Foundation Level" and meets the requirements as set down by IREB. The course covers both international standards and terminology, techniques and methods concerning Requirement Engineering and Requirements Management.

After this training:

- You have improved knowledge and understanding of Requirements Engineering;
- You know international standard terminology;
- You know the factors that affect requirements;
- You can apply techniques for gathering requirements;
- You have the skills to document requirements;
- You know how to management requirements;
- You have a list of tools and know their advantages and disadvantages;
- You are prepared for the exam at the end of the third day
- You get a professional internationally recognized certificate in the field of Requirements Engineering

Who should attend this training?

The training is suitable for you if you already have some experience in requirements engineering and management and want to delve further into the subject.

Roles of participants in their organization.

This training is meant for:

- Requirement Engineers, Business Analysts, Information Analysts and Functional Designers who want to explore their profession.
- Architects, Developers, Designers, Users, System and Acceptance Testers Quality Officers and Project Managers who want to explore Requirement Engineering and Management.

Prior knowledge or training required

There is no knowledge or specific training required.

Program

Structure of this training

In this three-day training you will learn about Requirements Engineering from both theoretical and practical perspective. Exercises and forming opinion are an important part in this course. During the course you will practice test exams. It is recommended to prepare for the exam by studying the curriculum in the evenings. The multiple-choice exam will be held at the end of the third day and lasts 75 minutes.

Course outline

Basic principles

- Conceptual framework and terminology
- Communication Principles
- Profile of an Engineer Requirement

Scope, Context and Interfaces

Requirement types and descriptions

- Summary of requirement types
- (Non-)Functional requirements
- Data requirements
- Interface requirements

Requirement Documentation

- Levels of requirements
- Relationship with design documents
- Documentation techniques
- Attributes of requirements

Gathering Requirements

- Sources of requirements
- Stakeholders
- Collecting requirements
- Review the requirements

Requirements Management

- ID Management for requirements
- Views on requirements
- Traceability between requirements
- Priorities of requirements
- Configuration Management
- Change Management for requirements

Tools

- Features of requirements tools
- Advantages and disadvantages
- Overview of the main tools
- Demonstrations