



3 days online  
course



Accredited courses by IREB  
(International Requirements  
Engineering Board)



Certified Professional for  
Requirements  
Engineering certificate

## ONLINE IREB FOUNDATION LEVEL COURSE



### General Description

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 Requirement 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.

### Main topics covered:

- Introduction and Foundations
- System and System Context
- Requirements Elicitation
- Requirements Documentation
- Natural Language Requirements Documentation
- Model Based Requirements Documentation
- Checking and Reconciling Requirements
- Requirements Management
- Tool Support



### Goals

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.

**There is no prior knowledge or specific training required before the course.**



## Agenda

### 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



### Price



**EXTRA 10% launching discount for all participants!**

Available from 1<sup>st</sup> of January until March 31<sup>st</sup>.

Price (euro/participant) *			
	Non-member companies (group discounts) **	ANIS member companies (10% extra discount) **	Individuals
1 - 4 participants	1000	900	1000
5 - 9 participants (5% discount)	950	855	
+ 10 participants (10% discount)	900	800	

**Prices do not include VAT.**

\* The participation fee includes: the course support and the adjacent materials during the training days.

\*\* Discounts apply to the standard fee of EUR 1000.



### Certification

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.

Those wishing can take an additional exam for receiving an international IREB certificate – CPRE Foundation Level.



**For further information, contact us!**

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