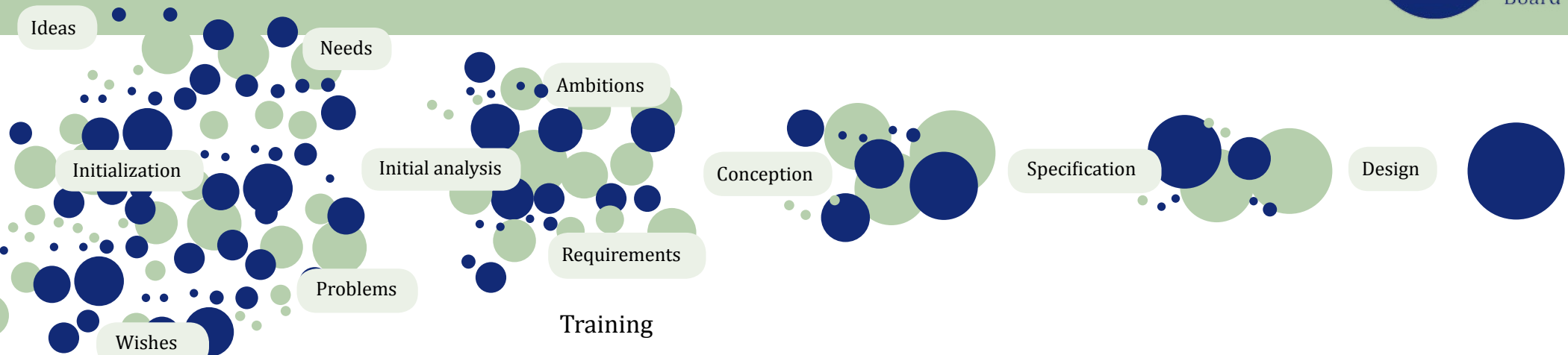


# Requirements Engineering / Business Analysis – a Key to Project Success



## Significance



Requirements play a fundamental role in systems development. Project management, design and testing all depend directly on the results of Requirements Engineering. Flawed requirements often lead to substantial time and cost overruns in projects or even to total failure. An IREB terminology-based training provides a solid basis for the common understanding of Requirements Engineering/Business Analysis within a company and with business partners. The “Certified Professional for Requirements Engineering CPRE” qualification model is directed at anyone who works with requirements in Business or Systems Analysis.

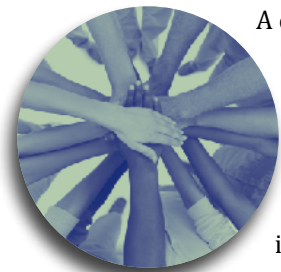
## Training

The scope and content of appropriate training courses, as well as timescales for the attainment of learning objectives, along with topics for practical workshops, are defined by IREB in its various syllabi.



The composition and execution of the training courses themselves are the responsibility of the respective training provider. IREB recommends attendance of a training course in preparation for a certification examination. However, this is not a prerequisite for admission to an examination. The Foundation Level of CPRE provides basic knowledge of Requirements Engineering which encompasses elicitation of product requirements and their appropriate documentation, their verification and validation and their management over the entire product life-cycle. The modularly structured Advanced Level deepens knowledge of particular Requirements Engineering and Business Analysis activities. The objective of an Advanced Level module is to ensure that a participant acquires the competence to apply individual techniques, learned whilst training, in practice, e.g. modelling with UML.

## The Certificate



A candidate who passes an examination, conducted in accordance with the IREB examination regulations, will receive a “Certified Professional for Requirements Engineering CPRE” certificate. The examination is conducted by an independent certification body which also issues the certificate for the level in question.

# The International Requirements Engineering Board (IREB e.V.)



The mission of the International Requirements Engineering Board is to make a contribution to a standardization of further education of Business Analysis and Requirements Engineering by providing syllabi and examinations and therefore, in the end, to achieve a general improvement of applied Requirements Engineering. Members of the board are independent, internationally recognized experts of economy, consulting, research and science. The IREB is an incorporated non-profit association.

The IREB develops syllabi for the discipline of Requirements Engineering/Business Analysis and questions for certification examinations, which you have to pass to get the “Certified Professional for Requirements Engineering CPRE” certificate. The syllabi meet the demands of the industrial practice and are scientifically substantiated. On the one hand, they are based on the requirements engineering chapter of the Software Engineering Book of Knowledge (SWEBOK) and, on the other hand, on the scientific and practical experiences of the IREB members. Moreover, they are in-line with other well-known software engineering syllabi, for example ISTQB, IPMA, and consider international standards (DIN, ISO and IEEE).

Presented by:

Contact:  
info@certified-re.com  
Tel. (1): +41 (0) 79 400 4673 (Switzerland)  
Tel. (2): +49 (0) 911 40 9000 (Germany)  
Mailing address: IREB e.V., post office box 46 42,  
90025 Nuremberg, Germany

Imprint:  
International Requirements Engineering Board (IREB) e.V.  
Board of directors:  
Christine Rupp (1st chair), Karol Frühauf, Rainer Grau  
Domicile of the association:  
Hofmannstraße 11, 91052 Erlangen, Germany  
Local court Fürth, VR 200079

© 2011 | IREB e.V. | all rights reserved

[www.certified-re.com](http://www.certified-re.com)