IREB CPRE Advanced: Elicitation & Consolidation

Cursusduur: 3 Dagen   Cursuscode: IREBA-EC

Beschrijving:

In deze driedaagse IREB CPRE Advanced: Elicitation & Consolidation training leert u over Requirements Engineering vanuit zowel theoretisch als praktisch perspectief. Oefeningen en meningsvorming zijn een belangrijk onderdeel in deze cursus. Tijdens de cursus oefent u proefexamens. Indien het examen ook gewenst is, is het aan te raden om u voor te bereiden op het examen door het curriculum in de avonduren te bestuderen.
In this three-day IREB CPRE Advanced: Elicitation & Consolidation 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 certification is made up of two parts and is optional and not included in the courseprice: The written exam, which forms the first part takes place at the end of the third day (in case of a virtual classroom training, the exam will be planned on another day). The lecturer will be available during the exam for the students who do not participate in the examination, to answer their questions or to elaborate on the course content. The second part of the certification relates to the application of the learned material by means of a practical assignment. This is not part of the course and is conducted by an independent examiner.

Doelgroep:

The CPRE Advanced Level module Requirements Elicitation is addressed to professionals from Requirements Engineering, Business Analysis, Business Engineering, Organizational Design, etc., who have the CPRE Foundation Level certificate and want to improve their knowledge acquired in the subdiscipline of requirements elicitation.

Doelstelling:

- You have the latest knowledge in the field of Requirements elicitation and consolidation;

- You can select the appropriate approach for a project situation;

- You can apply the most effective techniques;

- You can mediate in conflict situations in the field of requirements elicitation;

- You have knowledge and practical skills with respect to documenting;

- You are prepared for the official exam at the end of the third day;

- You obtain an internationally recognized certificate in Advanced Requirement Engineering.

Vereiste kennis en vaardigheden:

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- IREBF - IREB CPRE Foundation

Examens en certificering

The certification is made up of two parts and is optional and not included in the courseprice:

- Written examination Multiple choice test
- Written assignment The written assignment must represent a realistic project situation from the candidate's working environment. It must demonstrate that the candidate is capable to apply the acquired elicitation knowledge. For the completion of the written assignment, the candidate should invest the equivalent of two working days.

Vervolgcursussen:
- IREBA-M - IREB CPRE Advanced Level: Requirements Modeling
- IREBA-REA - IREB CPRE Advanced: Requirements Engineering @ Agile

Cursusinhoud:

In the Elicitation module, candidates acquire in-depth skills to effectively and efficiently elicit requirements and handle requirements conflicts. Techniques from the Foundation level are elaborated in detail and further techniques are added. A key topic in the module is the ability to apply the right technique in the right context.

Framework for Structuring and Managing Requirements Elicitation and Conflict Resolution: A systematic approach for planning elicitation and conflict resolution as the basis for any elicitation effort is introduced. The concept of process patterns is presented as a way to describe different contexts where requirements elicitation is applied.

Requirements Sources for Elicitation: How can requirements sources be identified as completely as possible and how can they be involved in the elicitation process? Stakeholders are the prime source of requirements; requirements can also be found in documents and in other systems. The concept of personas is explained as a way of dealing with different target groups amongst users.

Elicitation Techniques: The candidate will learn a variety of alternative techniques of the categories gathering techniques, design and ideagenerating techniques and thinking tools. Identifying attributes of elicitation techniques are introduced as a means to decide what techniques are suited best in a certain situation.

Conflict Resolution: A professional performing Requirements Engineering should possess adequate skills in the field of conflict resolution, like recognizing which types of conflict may arise in Requirements Engineering and how these can be identified and resolved. The aim of consolidation is to end up with a set of requirements, that is agreed among the stakeholders and can be realized in a certain system.

Personal Skills ; Development: This module is completed by elaborating on the aspect of personal skills and development. The required skills in the area of elicitation are discussed. As communication is one of the key skills in elicitation, different communication models are introduced.

Knowledge of requirement sources

- What are requirement sources?
- How to identify and manage the most important requirement source – the Stakeholder?
- How can these requirement sources be captured and documented?

Requirement Sources

- The user as the stakeholder – User centered requirements engineering
- Knowing the classification schema for stakeholders
- Identify, classify and manage documents and systems in operation

Knowledge and application of elicitation techniques

- Characteristics of elicitation techniques
- Mastering and using classification of elicitation techniques
- Mastering and using selection of elicitation techniques

Survey, observation and creativity techniques for requirements elicitation

- Questioning techniques
- Creativity techniques
- Artifact-based techniques
- Other supporting techniques

Communication for requirements engineering

- Mastering and using qualitative interviews
- Mastering and using the Method 6-3-5
- Mastering and using perspective-based reading
- Mastering the use of contextual inquiry

Recognizing conflicts and finding solutions

- Detection of conflict types
- Knowing Glasl's conflict escalation model
- Mastering and using selection of consolidation techniques

Knowledge and application of various consolidation techniques

- Conflict settlement techniques
- Voting or instruction methods
- Analytic methods

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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