

## Requirements Development & Management

Varighed: 4 Days    Kursus Kode: GK2964    Leveringsmetode: Company event (Firmakursus)

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### Beskrivelse:

#### Develop effective requirements that meet business and stakeholder objectives.

Numerous studies have concluded that failure to effectively develop and document project requirements is directly related to project failure. By following the logical methodology for the requirements process presented in this course, you'll learn to develop and write effective requirements, including business objectives as well as business, stakeholder, and solution requirements. By working through the requirements process using various elicitation techniques, you'll discover the importance of and types of requirements, best practices for writing requirements, steps for sign-off, and management of the requirements baseline.

#### Firmakursus

Med et firmakursus bliver jeres it-kompetenceudvikling målrettet jeres behov. Det betyder, at vi hjælper med at finde og sammensætte det helt rigtige kursusindhold og den helt rigtige form. Kurset kan afvikles hos os eller kunden, standard eller virtuelt.

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### Målgruppe:

Systems analysts, business analysts, requirements analysts, developers, software engineers, IT project managers, project managers, project analysts, project leaders, senior project managers, team leaders, program managers, testers, and QA specialists.

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### Agenda:

- What You'll Learn
  - Types of requirements including business, stakeholder, functional, non-functional, and transition requirements
  - Elicitation techniques including their advantages and disadvantages for the various requirements stakeholders
  - Analysis and modeling of requirements
  - Types of requirement documents
  - Best practices for requirements writing
  - How to avoid requirements writing pitfalls
  - Steps for requirements verification, validation, and sign-off
  - Requirements management processes including data management, tracing, and change management
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### Forudsætninger:

GK2919, Business Analysis: Essentials

[http://www.globalknowledge.be/courses/global\\_knowledge/business\\_analysis/gk2919.html](http://www.globalknowledge.be/courses/global_knowledge/business_analysis/gk2919.html)

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## Indhold:

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| <p>1. Requirements Issues and Impacts</p> <ul style="list-style-type: none"><li>■ Issues from Poor Requirements Processes</li><li>■ CBAP Review</li><li>■ Requirements Definition</li><li>■ Requirements Problems Class Exercise/Brainstorm</li></ul> <p>2. Foundations of Requirements</p> <ul style="list-style-type: none"><li>■ Types of Requirements</li><li>■ Business vs. Technical Communications</li><li>■ Requirements Approaches</li><li>■ Product and Project Life Cycles</li><li>■ Role of Business Analyst (IIBA View)</li><li>■ The Requirements Process</li></ul> <p>3. Defining the Product Scope</p> <ul style="list-style-type: none"><li>■ Enterprise Analysis Overview</li><li>■ What Scope Is</li><li>■ The Business Case</li><li>■ Use Cases to Describe Current Environment and Proposed Scope</li></ul> <p>4. Requirements Communication Planning</p> <ul style="list-style-type: none"><li>■ The Requirements Communications Plan</li><li>■ Requirements Conflicts</li><li>■ The Requirements Package</li></ul> | <p>5. Requirements Planning: The Requirements Charter</p> <ul style="list-style-type: none"><li>■ The Requirements Charter</li><li>■ The Requirements Team</li></ul> <p>6. Requirements Planning: Sources</p> <ul style="list-style-type: none"><li>■ Stakeholder Types</li><li>■ Identifying Stakeholders</li><li>■ Analyzing Stakeholders for Requirements</li></ul> <p>7. Requirements Elicitation</p> <ul style="list-style-type: none"><li>■ Techniques</li><li>■ Creating an Elicitation Archive</li><li>■ Elicitation Plan</li></ul> <p>8. Requirements Analysis</p> <ul style="list-style-type: none"><li>■ Functional Requirements</li><li>■ Non-Functional Requirements</li><li>■ Constraints</li><li>■ Modeling Techniques</li><li>■ UML Techniques</li><li>■ Data Modeling</li></ul> | <p>9. Requirements Sign-Off</p> <ul style="list-style-type: none"><li>■ The Requirements Baseline</li><li>■ Review Meetings</li><li>■ The Sign-Off Process</li></ul> <p>10. Writing the Requirements Document</p> <ul style="list-style-type: none"><li>■ Technical Writing Practices</li><li>■ Good Requirements Writing Practices</li><li>■ Requirements Writing Pitfalls and Mistakes</li><li>■ Requirements Document Enhancements</li><li>■ Writing Functional and Non-Functional Requirements</li><li>■ Writing Assumptions and Constraints</li><li>■ Organizing the Requirements Document</li></ul> <p>11. Requirements Management</p> <ul style="list-style-type: none"><li>■ Managing Throughout the Product Life Cycle</li><li>■ Components of Requirements Management</li><li>■ The Change Process</li><li>■ Traceability</li><li>■ Requirements/Configuration Management Systems</li><li>■ Requirements Attributes - Brainstorm</li></ul> <p>12. Other Topics</p> <ul style="list-style-type: none"><li>■ Requirements Process Close</li><li>■ Project Life Cycles</li><li>■ Agile Development Considerations</li></ul> |
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## Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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[www.globalknowledge.com/da-dk/](http://www.globalknowledge.com/da-dk/)

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