



Eliciting & Modeling Project Requirements



> Fissure: n. (Geological): A breakthrough

Eliciting & Modeling Project Requirements

3 days - 21 PDUs

This interactive seminar targets professionals who want to improve their ability to translate customer needs into project requirements. Using a case study approach combined with checklists and templates, the course explores different categories of requirements, various elicitation techniques and models. Participants learn to identify and analyze their stakeholders to ensure all the project requirements are captured. Participants practice interviewing and developing a facilitated session. After requirements have been elicited, participants will practice writing good requirements. Participants will also gain practice using various modeling techniques to help to capture project requirements. Participants will then be asked to analyze and package requirements for stakeholder review and approval. This program has been reviewed and approved by the International Institute of Business Analysis (IIBA®) and covers the IIBA® knowledge areas of Requirements Planning and Management, Elicitation, Requirements Analysis and Documentation, and Requirements Communication.

TOPICS YOU WILL LEARN

- ▶ **BA FOUNDATION & OVERVIEW**
 - IIBA Framework
 - CBAP requirements
 - Requirements by SDLC
 - BA roles & responsibilities
 - Requirements definition & types
- ▶ **STAKEHOLDER IDENTIFICATION ANALYSIS**
 - Stakeholders defined
 - Roles & responsibilities
 - Stakeholder identification & categorization
 - Stakeholder assessment
- ▶ **ELICITATION OVERVIEW**
 - Elicitation defined
 - Elicitation process
 - Elicitation techniques
- ▶ **INTERVIEWS**
 - Interview process
 - Effective listening skills
 - Effective questions
- ▶ **FACILITATED WORKSHOPS**
 - Facilitation process
 - Roles and responsibilities
 - Logistics
 - Group Dynamics
 - Facilitator Tips
- ▶ **WRITING & DOCUMENTING REQUIREMENTS**
 - Documentation challenges
 - Writing good requirements
 - Writing for different audience
 - Requirements documentation
- ▶ **MODELING OVERVIEW**
 - What is a model
 - The role of modeling
 - Types of models
- ▶ **BUSINESS ARCHITECTURAL MODELS**
 - Enterprise architecture
 - Business architectural models
 - Functional decomposition diagram
- ▶ **MODELS**
 - Process maps
 - Swim lanes
 - Data flow diagrams overview
 - Use Cases
 - Activity Diagrams
 - Entity Relationship Diagram
- ▶ **ANALYZE REQUIREMENTS**
 - Organization methods & techniques
 - Prioritization techniques
 - Requirements allocation
- ▶ **PACKAGE REQUIREMENTS**
 - Prepare package
 - Communication preferences
 - Reviewing documentation
 - Walkthroughs
 - Sign offs

WHO SHOULD ATTEND

Project team members who participate in the requirements elicitation and modeling processes. Class has a focus on those individuals who play the role of business analyst in a multi-stakeholder environment.

PRE-REQUISITES

Exposure to requirements within a project environment.

OBJECTIVES

- Understand the role of a business analyst
- Defining requirements
- Determine the appropriate requirements elicitation and modeling techniques.
- Identify the strengths & weaknesses of various elicitation and modeling techniques.
- Practice eliciting requirements
- Practice standard approaches and notations to modeling requirements
- Understand the key IIBA Knowledge Areas

INSTRUCTIONAL METHODS

Includes a mix of lecture, discussions, individual exercises and a case study.



Fissure is proud to partner with The University of Minnesota's Center for the Development of Technological Leadership (CDTL) to offer The Summit Certification.

Please visit www.summitcertification.com



UNIVERSITY OF MINNESOTA

