Requirements Core Concepts and Visual Modeling

Instructors: Megan Jackson Stowe

Locations Offered: Nashville, TN
Chicago, IL

Level: Intermediate

Length: 2 Days

CEUs: 1.4

Seminar Description

This course starts with the perfect introduction for anyone looking to hone their team’s skills and knowledge around eliciting requirements. This course also helps experienced business analysis teams level-set across an organization on requirements terminology and concepts. This course emphasizes the importance in understanding business objectives to manage scope, including extensive practice with these skills. This course will teach the students to recognize different types of requirements and get an introduction to techniques for elicitation, scope management, models and requirements review. The visualization portion of the class provides intermediate and advanced business analysts, project managers, and product managers an incredibly powerful addition to their skill set through requirements modeling techniques. The content dives deeper into more than a dozen requirements models and when to use them. Understanding how to select models provides you with the ability to communicate with any audience – customers, developers, product managers, and senior management.

Seminar Objectives

Upon completion of this course, participants will be able to:

- Understand the value of requirements (models)
- Understand various elicitation techniques
- Create clear requirements using the attributes of a good requirement and requirements set
- Analyze requirements for gaps using requirements models
- Apply techniques for managing requirements
- Understand how to measure the quality of requirements
- Create requirements models to organize complex information rather than using only thousands of "system shall" statements
- Understand 15 different types of Requirements Modeling Language (RML®) models, including Process Flows, Ecosystem Maps, Report Tables, Business Data Diagrams, and Feature Trees
- Analyze and select the right model for the appropriate audience and situation
- Understand how the proper use of models allows you to ensure the completeness of your requirements
- Understand different types of models and how they relate to each other
- Apply learned concepts to use models together and create a complete understanding of the system
- Integrate models with any development methodology-from waterfall to agile

Visit learning.pmi.org/events.php for other seminar offerings and schedules.
Seminar Agenda

DAY 1: Requirements Core Concepts

- Introduction
- Types of Requirements
- The Requirements Process
- Eliciting Requirements
- Requirements Models
- Requirements Specification
- Requirements Validation
- Managing Requirements

DAY 2: Visual Modeling

- Introduction
- Overview of Models
- Details on Each Model
  - Objectives Models: Business Objectives Model, Key Performance Indicator Model, Feature Tree, Requirements Mapping Matrix
  - People Models: Org Chart, Process Flow
  - Systems Models: Ecosystem Map, Display Action Response Table, Decision Tree, Decision Table
  - Data Models: Business Data Diagram, Data Flow Diagram, State Table, State Diagram, Report Table
- Relationships between Models

Visit learning.pmi.org/events.php for other seminar offerings and schedules.