



## Requirements Gathering and Development - Two-Day Seminar

Program Number: PM RGDP / PDUs: 12

### 1.0 Introduction

- Seminar member introduction and overview of course material

### 2.0 What are Project Requirements

- Understanding requirements & systems analysis

### 3.0 Requirements Process

- Learn the process from gathering the requirements to the delivery of the requirements specification

### 4.0 Requirements Gathering

- Learn the techniques for a successful starting in gathering requirements
- Learn techniques for discovering, eliciting and inventing requirements

*Group exercise on requirements gathering*

### 5.0 Functional Requirements

- Learn how we look at discovering and specifying the product's functionality

### 6.0 Non-functional Requirements

- Learn how to discover and specify properties that the product must have

*Group exercise on requirements terminology*

### 7.0 Writing the Specification

- Learn how to compose the requirements specification

*Group exercise on writing specification*

### 8.0 Criteria for Requirements

Learn how to:

- Create measurements for requirements
- Make the requirements testable so that you can know that the implementation matches the requirements

*Group exercise on requirements criteria*

### Course Objectives:

The participants will learn about a project manager's role in requirements gathering and development of the requirements in to usable documentations.

### Learn How to:

- Create measurements for requirements
- Reuse requirements
- Evaluate specifications
- Use the requirements process
- Gather requirements
- Write Specification

### 9.0 Creating Quality Requirements

- Learn how to prevent rogue requirements coming to life and discover forgotten and undreamed of requirements

### 10.0 Prototyping and Scenarios

- Learn how to bring the requirements to life and discover forgotten and undreamed of requirements

*Group exercise on Prototyping*

### 11.0 Evaluation of the Specification

- Learn how to re-measure and re-evaluate the requirements

*Group exercise on requirements evaluation*

### 12.0 Whither Requirements?

- Look at what happens after the requirement is written
- Examine:
  - Requirements tools
  - Publishing the specifications
  - Requirements Traceability
  - Change and managing the requirements