

Writing Excellent Requirements: The Hands-on Workshop

Duration

2 days

Instructor

Douglas Muir

Class Limit

20 students

Prerequisite

In Search of Excellent Requirements

Price

On-site:

Please contact SPC for pricing (contact information on page 2)

Public Training:

\$995 (2 days)

*Discount available for early registration

Labs

Over 20% of class

Materials Provided

- Student manual containing the course slides
- Student handouts with class exercises and class studies

Requirements analysis and specification writing is an art practiced by many, and mastered by surprisingly few. And yet, the payoff from achieving excellence in these areas is large. Inferior requirements significantly increase the cost of system development and the time required to deliver an application. *Writing Excellent Requirements* focuses on problem avoidance—how to write requirements accurately the first time or improve them before design and coding starts.

This 2-day hands-on workshop builds on the techniques discussed in its companion seminar *In Search of Excellent Requirements*. Through extensive hands-on exercises and discussion, participants use many of the tools and techniques discussed in the seminar and leave the seminar with the knowledge of how to integrate these techniques to your project. Workshop participants write actual requirements in teams and experience in-depth many of the issues faced in their day-to-day projects.

Intended Audience

This seminar is intended to help those who write and review detailed functional specifications. The intended audience includes testing staff, requirements analysts, developers, and project managers. No specific prerequisites are assumed, but as an attendee, you are expected to be software knowledgeable with at least basic software development experience. Previous participation in the workshop *In Search of Excellent Requirements* will equip you with the basic information required for this seminar.



TRAINING

Writing Excellent Requirements

Instructor

Software Productivity Center's Douglas Muir has over 20 years of professional experience as a Software Engineer and Project Manager. He is one of North America's leading instructors of the *In Search of Excellent Requirements* course, as well as other project management workshops. Doug's expertise has given countless software developers the skills and techniques needed to successfully bring a project to market. Before joining SPC, Doug held product development positions in large-scale and multi-country telecommunications projects at Libraxus and Nortel. He has also worked as a project manager in government, military and commercial enterprises in both Canada and the U.K. Doug holds a Project Management Certification from PMI.

For more information on this or other SPC Springboard courses, please visit www.spcspringboard.com or e-mail SPC at info@spc.ca

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Outline

To facilitate the workshop, the instructor plays the role of the customer and guides the groups through a series of exercises to uncover the requirements for the project. Students are provided with a complete Vision and Scope for the project, a partially completed Use-Case model, Requirements Specifications and a Business Rules catalog to be used as the 'template' for their work.

The workshop addresses the following topics:

- Reviewing a vision and scope document
- Developing a context diagram to identify distinct user classes
- Documenting user classes
- Developing a Use Case model, by identifying the candidate actors and candidate use cases
- Using the use case model as the source to develop detailed functional requirements
- Identifying the need for and developing basic analysis models
- Reviewing developed software requirements to ensure they possess the characteristics of high-quality requirements.
- This seminar is for you if you want to improve your ability to write high-quality software requirements.



TRAINING

