

Software Inspections: A Practical Approach

Duration

2 days

Instructor

Patrick Conroy

Class Limit

15 students

Prerequisite

None

Price

On-site

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

Public Training

\$1,095 (2 days)

*Discount available for early registration

Materials Provided

- Copy of course presentation material
- Case Study outcome material
- Full bibliography of Software Inspection resources

There is not much disagreement in the industry about the value and benefits of software inspections. Studies have shown that responsible practitioners of Software Inspection can realize Return on Investment multiples of 4 or better and accomplish this within months of adoption. In addition, time-to-market and maintenance effectiveness are dramatically improved. Job satisfaction measures show that the approach is highly accepted by software development teams once they experience it.

However, there's more to implementing a Software Inspection program than training moderators and creating forms. Properly introducing the inspection process to gain acceptance and sustain its success can be challenging if it's not done right.

Software Inspections: A Practical Approach is a two-day highly-interactive workshop that provides attendees with a thorough introduction to the uses and benefits of Software Inspection, along with pragmatic advice and examples of how to successfully initiate this process and avoid common (and costly) mistakes. Attendees will learn about, and practice, formal Software Inspections.

Discussion topics include:

- Guidelines for the use of Software Inspection
- Practical experience in its techniques: the preparation, conduct, and follow-up
- Review of success and failure criteria
- Explaining inspection roles
- Components of a Software Inspection - management, planning, staffing, scope, reporting, monitoring, and training
- How to implement Software Inspections
- The larger picture: the role and ROI of Software Inspections in the software development life cycle.

Intended Audience

This seminar is ideal for business analysts, system analysts, designers, developers, testers, product managers, and project managers wanting to enhance their productivity, reduce maintenance work, and improve the quality of their work experience.

TRAINING

Software Inspections: A Practical Approach

Instructor

Patrick Conroy has over 25 years experience in the software development industry. Mr. Conroy has worked with the Software Productivity Center on numerous assignments over the past 10 years, focused primarily on software process and quality improvement.

In addition to numerous consulting engagements, Mr. Conroy has held numerous senior roles in the software development industry, including VP R&D, Engineering Systems Manager, Senior Project Manager, Quality Manager, Customer Support Manager, and others. As Quality Director for a Division of Motorola, Mr. Conroy was responsible for product and process quality for an organization of some 400 engineers and other technical staff. Among other achievements, he facilitated the Division's Certification to Levels 2 and 3 of the SEI's Capability Maturity Model.

Mr. Conroy holds a Master's degree in Computer Science and a Master's degree in Business Administration, and is certified on the SEI's Capability Maturity Model.

Course Outline

- Introductions, expectations
- What is Software Inspection (background, variants)?
- Why is it so special (evidence, caveats)?
- Usage parameters:
 - Why should it be used?
 - When should it be used?
 - Who should use it?
 - How should it be used?
- Hands-on practice
 - Process and roles instruction
 - Artifact inspection
 - Inspection meeting / review cycles (2)
 - Inspection metrics
 - Lessons learned
- Risks and their mitigation
- Optimization approaches
- Implementation alternatives
- Client implementation discussion



TRAINING

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

Software Productivity Center Inc.
Suite 460 - 1122 Mainland Street
Vancouver, BC V6B 5L1

Vancouver: 604.662.8181 Toll Free: 1.877.548.1948

Fax: 604.689.0141

