

Early Testing: Outside the Box

Duration

1-day

Instructors

Trevor Atkins

Class Limit

20 students

Prerequisite

None

Price

• *On-site delivery*

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

• *Public Training*

\$595

*Discount available for early registration

Materials Provided

Workbook containing class notes and class exercises

Course Description

Organizations developing software have been challenged for decades with attaining effective quality assurance and testing practices. To overcome these challenges you cannot leave testing as an afterthought when planning, or as simply a couple weeks of test execution at the end of a project.

In this 1-day course quality expert Trevor Atkins shows that testers can affect significant positive change upstream in their software projects. Drawing on extensive real-world experience, Trevor shows how by thinking and working 'outside the box' we can achieve results by starting testing early. And, starting test activities early means you can catch small quality problems before they become big, more expensive, quality problems later on -- the best time to catch defects in the product is to do so before the first modules are even coded.

By understanding stakeholder objectives and needs and by applying a risk-driven philosophy to quality, we will explore how to identify the most effective and appropriate testing approach for a project. For example, each project will pass through a set of common phases one or more times, regardless of development methodology. This provides the opportunity to integrate value-add verification and validation activities within each phase such that early detection of issues is realized.

Intended Audience

This seminar is ideally suited to software testing professionals and project managers wanting to learn about how to get more value out of testing throughout the project lifecycle.

Through a combination of presentations, group and class discussions, and hands-on exercises, this one-day course will explore the guiding concepts and principles and techniques specific to lowering the Total Cost of Quality and transforming your test group into high-value contributors to the project's overall success.

Software developers, project managers, testers, product managers, business analysts, and customer representatives will all benefit from the instructor's approach based on highly successful real-life experiences.

TRAINING

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Instructor

Trevor Atkins is Principal Consultant with Silverpath Technologies. Prior to that he was the west-coast Regional Director of Quality Services with UST Global and before that he was a founder and Vice-President Operations of QA Labs, once the largest independent software testing company in Canada.

Trevor has been involved in literally 100's of software projects over the last 14+ years and has a demonstrated track record of achieving rapid ROI for his customers and their business. Experienced in all project roles, Trevor's primary focus has been on planning and execution of projects and improvement of the same, so as to optimize quality versus constraints for the business.

Course Objectives

- Using a risk-driven approach to capture what Quality means to the stakeholders
- Seeing the \$\$\$ value of involving testing early in the project lifecycle
- Tailoring the V-Model for early testing and bending it around your development methodology
- Removing defects early and more cheaply through multi-stage verification and validation

Modules Outline

- What is quality? And what is "good enough"?
- Lowering the Total Cost of Quality with risk-driven testing
- Tailoring your testing approach by project phase
- Enhancing the V-Model for early testing
- Starting testing before the GUI is ready



TRAINING

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