

New!

Market-Driven Software Testing

Create Satisfied Customers Inside the Company and Out



Who Should Attend . . .

- Software Managers
- Testing Professionals
- Developers
- Quality Consultants
- Project Leaders

You Will Learn . . .

- How to set appropriate testing priorities
- Different methods of discovery that will help you find bugs *before* your product ships
- To report your test results as a means to action

San Francisco, CA
October 1–3, 2001

Austin, TX
October 15–17, 2001

Tampa, FL
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SQE
Software
Quality
Engineering

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Market-Driven Software Testing

Create Satisfied Customers Inside the Company and Out

Topical Outline: 3 Day

Testing in Context

- Objectives List
- Software Customer Dissatisfaction and Quality-Related Costs
- An Overview of Product Development
- The Black Box Testing Organization

Testing Techniques

- An Example Test Series: The Program's First Tests
- The Impossibility of Complete Testing
- Boundary and Equivalence Analysis
- Testing Variables in Combination
- Black Box Test Case Design
- Paradigms of Black Box Testing
- Exploratory Testing
- Testing User Documentation

Test Planning and Documentation

- Planning and Negotiating the Test Project
- Introduction to Concise Test Planning
- Requirements Analysis for Test Documentation
- Scripting: An Industry Worst Practice
- Reusable Test Matrices: Components for Standard Situations
- A Tabular Format for Relationships Between Variables

Test Execution and Results Tracking

- Bug Advocacy
- Metrics
- Status Reporting

Careers

- Career Planning for Software Testers
- Recruiting Software Testers
- Testing Resources on the Internet

Test Automation

- Alternatives to GUI-Based Automated Regression Testing
- Managing Automation

Learn to set appropriate testing priorities

Use different methods of discovery and find the bugs *before* your product ships

Report your test results so that other members of the project comprehend and act on the information you present

Practical Solutions to Common Testing Challenges

This course presents a comprehensive array of software testing and management techniques. In addition to offering ways to make good decisions about testing priorities, it teaches you to use a variety of techniques including exploratory testing, formal test analysis, and test case selection strategies to improve your chances of finding critical bugs. It also helps you learn how to document your tests using concise matrices that will increase the maintainability and usability of your test documentation. This, in turn, will allow you to report test results so that other members of the project will not only listen, but act on the information you present.

The techniques presented in the course have been proven effective within actual software development organizations, and they're illustrated using anecdotal evidence from the instructor's own experience.

Developed by Cem Kaner — lead author of the best-selling book *Testing Computer Software* — and presented by Elisabeth Hendrickson, this course will change the way you look at testing. Whether you're new to testing or a veteran of multiple projects, *Market-Driven Software Testing* will improve your testing skills and provide new ways to handle your testing challenges.

Who Should Attend

This course is ideal for testers, developers, quality consultants, and especially software managers. If you're working in an environment where you're expected to "test everything" but are only given limited resources and information, this course is for you.



Elisabeth Hendrickson is an independent consultant who specializes in software quality assurance and management. She has more than 12 years of experience working with leading software companies and is the founder of Quality Tree Software, Inc. An award-winning author, Elisabeth has published more than 20 articles and is a frequently invited speaker at major software quality and software management conferences.

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7:30 - 8:30	Registration
8:30 - 12:00	Seminar
12:00 - 1:00	Lunch
1:00 - 5:00	Seminar

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