



Fall 2009 Schedule

Software Tester Certification

Certified Tester—Foundation & Advanced Level Training



More than 110,000 Certified Testers Worldwide. Why Not You?

FALL 2009 FOUNDATION LEVEL TRAINING*

San Jose, CA	August 25–27, 2009
Richmond, VA	August 25–27, 2009
Albany, NY	September 1–3, 2009
Charlotte, NC	September 1–3, 2009
Washington, DC	September 14–16, 2009
Minneapolis, MN	September 15–17, 2009
Boston, MA	September 15–17, 2009
Salt Lake City, UT	September 15–17, 2009
Philadelphia, PA	September 22–24, 2009
Atlanta, GA	September 22–24, 2009
Indianapolis, IN	Sept. 29–Oct. 1, 2009
Anaheim, CA	October 4–6, 2009
Colorado Springs, CO	October 6–8, 2009
Baltimore, MD	October 6–8, 2009

Toronto, ON	October 6–8, 2009
Rochester, NY	October 13–15, 2009
Raleigh, NC	October 13–15, 2009
Kansas City, MO	October 13–15, 2009
San Francisco, CA	October 19–21, 2009
Austin, TX	October 20–22, 2009
Pittsburgh, PA	October 20–22, 2009
Omaha, NE	October 27–29, 2009
Cincinnati, OH	October 27–29, 2009
Ft. Lauderdale, FL	November 3–5, 2009
Bethesda, MD	November 3–5, 2009
Tampa, FL	November 16–18, 2009
Sunnyvale, CA	November 17–19, 2009
Phoenix, AZ	December 1–3, 2009

www.sqetraining.com/certification

- **Fundamentals of testing** – Goals and limits, risk analysis, prioritizing, and completion criteria
- **Testing in software development** – Unit, integration, system, acceptance, and regression testing
- **Test management** – Strategies and planning, roles and responsibilities, defect tracking, and test deliverables



On-site Training Available—For additional savings, bring this course to your organization for team training.



Why is certification important for you?

Become a certified software tester and...

- Increase your value in both your organization and the industry
- Stand out from your peers with your professional certification
- Demonstrate you have the knowledge and skills needed for your everyday software testing challenges
- Become a part of the most widely recognized and fastest-growing software tester certification in the world

Tester Certification Career Path	Foundation Level	Software Tester Certification— Foundation Level – 3 Day Also Available in eLearning Format
	Advanced Level	Core Topics for Advanced Certification – 2 Day
		<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Advanced Tester Certification— Test Analyst – 3 Day </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Advanced Tester Certification— Test Manager – 3 Day </div> </div>

The three-day advanced courses, taken in conjunction with the two-day “Core,” are accredited by the ASTQB and will prepare you to take the Advanced Test Analyst or Test Manager certification exam.

Foundation Level Certification

In the Software Tester Certification—Foundation Level training course, you will learn the essentials needed to become a software test professional and understand how testing fits into software development. Find out how testing can add significant value to software development. Study all the basic aspects of software testing, including a comprehensive overview of tasks, methods, and techniques for effectively testing software. In addition, learn the fundamental steps in the testing process: planning, analysis, design, implementation, evaluation, and reporting. Know what it takes to be a successful software test engineer.

Advanced Level Certification

Advanced certification is divided into three main career tracks: Test Manager, Test Analyst, and Technical Test Analyst. SQE Training offers a two-day “Core” course that covers the core topics for the advanced ISTQB™ certification. Additionally, we offer a three-day course that covers the topics in the Advanced Test Analyst syllabus and a three-day course covering the Advanced Test Management syllabus. The ISTQB™ Software Tester Certification—Foundation Level is a prerequisite for the ISTQB™ Advanced Level Certification. For more information, please contact our SQE Training Client Support Group at sqinfo@sqe.com or call 888.268.8770 or 904.278.0524.

eLearning

The eLearning version of the Software Tester Certification—Foundation Level training is now available. This new self-paced and highly interactive course offers the same expert instruction and valuable content found in SQE Training’s instructor-led classes. Course registration includes the following:



- Powerful multi-media format
- Interactive exercises
- Lesson questions
- End-of-course sample exam
- Complete course manual
- ISTQB™ exam study guide
- 24/7 access to all course materials
- Access to expert test consultants and administrator

Take the Demo and sample the content at www.sqetraining.com/eSTFdemo

Exam Guarantee: Students completing this course who take the ISTQB™ Foundation Level exam and do not pass are eligible for an additional 45 days of online course access.

Looking for ways to save training and travel dollars? Consider the on-site advantages:

- Train your team at your location
 - Develop the talent already on your team and increase employee productivity
 - Schedule training around your current projects
 - Focus training on your team’s challenges in a small group environment
 - Implement best practices and dramatically improve your business processes
 - Customize course content to meet your company’s business needs
 - Receive expert instruction from consultants with years of real-world experience
- If you have six or more people to train, consider the advantages of on-site instruction.



For a free quote, call Lily or Julie at 904.278.0524 or email onsitetraining@sqe.com.

Delivered by top experts in the testing industry, Software Tester Certification—Foundation Level is an accredited training course, designed to help prepare you for the ISTQB™ Certified Tester—Foundation Level exam. The ISTQB™ is the only internationally accepted certification for software testing. The ISTQB™, a non-proprietary and non-profit organization, has granted more than 110,000 certifications in more than forty-five countries around the world.

Who Should Attend?

The Software Tester Certification—Foundation Level training course is most appropriate for individuals who recently have entered the testing field and for those currently seeking certification in software testing.

Public Course Guarantee

Course attendees who do not pass the exam within 60 days of completing the course will be provided with 45 days of free access to our online eSoftware Tester Certification—Foundation Level course for additional learning.

You Will Learn

The Software Tester Certification—Foundation Level course covers the topics needed to prepare you for the ISTQB™ Certified Tester—Foundation Level exam:

- Fundamentals of software testing—Concepts and context, risk analysis, goals, process, and psychology
- Lifecycle testing—How testing relates to development, including models, verification and validation, and types of tests
- Static testing—Reviews, inspections, and static tools
- Test design techniques—Black-box test methods, white-box techniques, error guessing, and exploratory testing
- Test management—Team organization, key roles and responsibilities, test strategy and planning, configuration management, defect classification and management
- Testing tools—Tool selection, benefits, risks, and classifications

EASY TO REGISTER



Online:
www.sqetraining.com/register



Phone:
888.268.8770
904.278.0524



Email:
sqeinfo@sqe.com

Course Outline

Fundamentals of Software Testing

Software context, why software fails
Why testing is required
Principles of testing
Debugging vs. testing
Scope and focus of testing
Understanding risk
Product (software) risks and project risks
Risk analysis, prioritizing using risk analysis
Goals of testing
Basic testing process
Test planning and control
Test analysis and design
Test implementation and execution
Evaluating exit criteria and reporting
Test closure activities
Test psychology—viewpoints on testing

Testing Throughout Software Development

Testing and development
Early testing
Models and testing
The “V” model
Iterative models
Verification and validation
Testing levels/stages within software development
Component (unit) testing
Integration testing
System testing
Acceptance testing
Maintenance testing
Understanding regression testing
Understanding test types
Functional testing
Non-functional testing
Structural testing
Confirmation and regression testing

Static Techniques

What is static testing?
Reviews, inspections, walkthroughs, etc.
General review process
Common types of reviews
Roles and responsibilities in reviews
Success factors for reviews
Limits of reviews
Understanding static analysis tools
Tool benefits

Test Design Techniques

Test design process
Overview of test design and the design approach
Documentation decision
Types and characteristics of documentation
Types of test design techniques
Black-box (functional) testing
White-box (structural) testing
Experienced-based techniques
Equivalence partitioning
Boundary analysis
Decision tables
State transition diagrams
Use cases and test design
Understanding control flow
Understanding paths and complexity
Coverage and what it means
Error guessing
Exploratory testing
Selecting the appropriate test technique

Test Management

Team organization
Roles and responsibilities
Understanding the test manager
Understanding the tester
Test planning
Planning and strategic thinking
Controlling the testing
Key strategic issues for test planning
Selecting a test approach
Understanding estimation
Test monitoring and reporting
Ending the testing, exit criteria
Configuration management and testing
Library controls
Change control
Defect/incident classification and management

Tool Support for Testing

Tool introduction
Tool selection process
Tool benefits
Tool risks and concerns
Tool classifications
Management tools
Static testing tools
Test specification tools
Test execution and logging tools
Performance and monitoring tools
Application area tools
Non-test specific tools



INSTRUCTOR

Dale Perry has more than thirty years of experience in information technology. He has been a programmer/analyst, database administrator, project manager, development manager, tester, and test manager. Dale's project experience includes large systems development and conversions, distributed systems, online applications, both client/server and Web-based. He has also been a professional instructor for more than fifteen years and has presented at numerous industry conferences on development and testing. With Software Quality Engineering for eleven years, Dale has specialized in training and consulting on testing, inspections and reviews, and other testing and quality related topics.

Additional instructors for this course include Rick Craig, Conrad Fujimoto, Dawn Haynes, Claire Lohr, Jamie Mitchell, Gary Mogyorodi, Eric Patel, Robert Sabourin, Ed Weller, and Mike Ennis.

At the conclusion of the course, the ISTQB™ Certified Tester—Foundation Level exam will be given. The exam is held at 3:30 p.m. on the third day of the course. The ISTQB™ Certified Tester—Foundation Level certification exam is independently administered by the American Software Testing Qualifications Board, Inc. (ASTQB). To learn more about this certification program or to download the syllabus, visit www.astqb.org



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IF ADDRESSEE IS NO LONGER EMPLOYED:
Re-route to Director of Software Development

New Fall 2009 Schedule

Software Tester Certification

*Certified Tester—
Foundation & Advanced
Level Training*



www.sqetraining.com/certification

**Globally recognized
certification training
presented by
international experts**

ON-SITE TRAINING

For more information about on-site training courses, contact SQE Training at 904.278.0524 or 888.268.8770 or email onsitetraining@sqe.com.

EASY TO REGISTER



Online:
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904.278.0524



Email:
sqeinfo@sqe.com

SOFTWARE TESTER CERTIFICATION

Foundation Level



ADVANCED SOFTWARE TESTER CERTIFICATION

Core Topics for Advanced Certification

Advanced Tester Certification— Test Analyst

Advanced Tester Certification— Test Manager

ON-SITE TRAINING

Training Course Fee Includes*

- Tuition
- Course Notebook
- Continental Breakfasts and Refreshment Breaks
- Lunches
- Letter of Completion

*Your registration fee includes \$39 for a one-year digital subscription to Better Software magazine. If you are a current subscriber, your subscription will be extended an additional six issues.

Training Course Schedule

7:30 a.m. - 8:30 a.m.	Registration (on first day) and Continental Breakfast
8:30 a.m. - 12:00 p.m.	Course
12:00 p.m. - 1:00 p.m.	Lunch
1:00 p.m. - 5:00 p.m.	Course
3:30 p.m. - 5:00 p.m.	Exam (on third day of course)

Satisfaction Guarantee: SQE Training is proud to offer a 100% satisfaction guarantee. It's part of our commitment to provide you with the highest quality education and training products. If we are unable to satisfy you, we will gladly refund your registration fee in full. Course attendees who do not pass the exam within 60 days of completing the course will be provided with 45 days of free access to our online eSoftware Tester Certification—Foundation Level course for additional learning.

Public Training Policy: SQE Training reserves the right to make changes in course schedules, dates, locations, and accommodations and will make every effort to notify students within a reasonable period of time. However, SQE Training is not responsible for personal travel, accommodations, or other incidental expenses in connection with changes to a course. For questions or concerns, please call the Client Support Group at 888.268.8770 or 904.278.0524.

Cancellation Policy: Attendee substitutions are permitted. Registrants who fail to attend are subject to the full fee if they have not obtained a cancellation code from SQE Training at least 14 business days prior to the event start date. To obtain a cancellation code, call 904.278.0524 or 888.268.8770.

Register Early: The number of students per course is limited, and many courses fill to capacity. Register early to ensure your space in a given course.

Forms of Payment Accepted:

- Visa, MasterCard, or American Express
- Check or company purchase order is accepted. However, payment must be received before course registration is confirmed.

Confirmation: After payment, you will receive a confirmation notice containing course details (e.g., hotel, accommodations). Please bring the letter to the course for admittance.