

# Intelligent Test Case Design

*Training for QA Professionals by  
The Software Quality Experts*

**No requirements. *Too many* requirements.  
Critical errors in production. Throw-away test  
cases.**

**How do you know where to start or how to focus?  
How much testing is enough (but not too much) to  
avoid critical errors in production? If these are the  
challenges you face, it is time to learn the art and  
mechanics of intelligent test case design.**

Our experts in software quality will share our 5-step approach to test case design – a process that ensures your test effort is focused on developing well written tests to identify critical defects and quality issues early in the lifecycle.

Through individual hands-on learning, group exercises, quizzes, robust classroom discussion, and the supportive guidance of our experts, you gain more than solid theory; you gain experience in the art and mechanics of intelligent testing. You receive useful reference materials and test design templates to bring your knowledge back to your work environment and make an immediate impact.

Learn why test case design is so critical, which inputs are required and how to find them, how to effectively analyze those inputs, and how to turn your analysis into efficient and risk-mitigating test cases.

- > **The Process of INTELLIGENT Test Case Design**
- > **Analysis of Test Case Inputs**  
The Obvious ; The Not-So-Obvious
- > **The Psychology of Test Case Design**
- > **Test Case Design Techniques**
- > **Test Coverage and Risk**
- > **Test Case Documentation**
- > **Applying ITCD in the Real World**

**Dates:**

Wednesday and Thursday,  
May 9 & 10, 2012  
9:00 a.m. – 4:30 p.m.

**Cost:**

\$1295 per participant per class

**Discounts:**

- " \$1095 if registered by 4/20/2012
- " \$995 per class for groups of 3 or more

**Location:**

7301 Ohms Lane  
Minneapolis, MN 55439

**Register:**

Call 952.392.2400

Visit: [www.benchmarkQA.com/itcd](http://www.benchmarkQA.com/itcd)



**PLAN AHEAD!**

**Register by April 20 and  
save \$200!**



# Intelligent Test Case Design

May 9 & 10, 2012 Minneapolis, MN

## During your training, you will:

- Gain an appreciation for the immediate and long term benefits of intelligently **designing** tests, not just writing them.
- Identify bad test case design and gain skills needed to ensure your design is intelligently targeted to catch critical defects and support re-use.
- Learn how to gather (or extract) the requirements you need – both the obvious and not-so-obvious inputs within your organization, existing processes, and work products.
- Develop an understanding of how to work effectively with the personalities and dynamics of your team and how these human factors should affect your test approach.
- Discover risk areas critical to test case design and how to work smartly to incorporate these risks into proper test coverage.
- Learn how to choose the best test documentation type for your project and environment, with options to suit both agile and traditional methodologies.
- Gain hands-on practice to master the mechanics of test case writing – with expert guidance to help you determine the right length and complexity of your test documents.

## On the job, you will:

- ~ Create efficient and reusable test cases.
- Identify and focus on the most important and highest risk areas first.
- Develop tests applicable for many types of testing, including regression and automation.
- Incorporate modern contextual analysis that aligns with agile and other methodologies.
- Apply techniques other than black-box testing to maximize functional and risk coverage.

## Best Practices, Hands-On Exercises & Peer Interaction

Since our first training delivery in 1991, BenchmarkQA continues to update its training courses to reflect the current best practices of our dynamic industry. These classes are not textbook theory. Our training is filled with real-life best practices and sensible advice accumulated through the experiences and expertise of our QA industry leading consultants. Hands-on exercises keep you engaged and let you try out what you've just learned—with immediate feedback. Through a highly-interactive learning process, you'll learn how to put these techniques to use, instead of on a shelf.

## Who Should Attend

ITCD is a comprehensive course for software professionals involved in the quality assurance and testing effort. This class targets testers, senior analysts and leads, but the class will benefit all involved in software quality assurance including business analysts, project managers and developers. IT professionals with experience in any combination of formal and informal testing environments and methodologies, in regulated or non-regulated industries, will find the content relevant and engaging.

## Outstanding Value

To cover the same information with a leading competitor would cost you almost twice as much. You'd also need to take an additional two days from your work schedule. BenchmarkQA training costs less, gets you back on the job faster, and you take your course materials home with you (a unique concept in IT training). You keep the valuable Participant Manual—chock-full of ideas, examples and tools (a great reference tool) as well as the workbook of hands-on exercises completed during class.

## Past Corporate Participants

Team members of the following companies have attended BenchmarkQA training: Achieve Healthcare, ADC Telecommunications, Allianz Life/USA, Cargill, Data Card, Digi-Key, Digital River, Fargo Electronics, HealthPartners, Medica, Medtronic, MTS Systems, Pearson VUE, PeopleNet, Prudential, St. Jude Medical, Starkey Laboratories, Thomson Reuters, and XATA Corporation.

## Private Training

Our training seminars are also available for private delivery to help you improve the knowledge and skills of your quality assurance staff by focusing on the topics of greatest importance and value to your organization. Your staff is immersed in a customized training program onsite or at our training facility. This is a cost effective way to train eight or more individuals. Please contact Molly Decklever for more information.

molly.decklever@benchmarkqa.com or 952.392.2384.

## TERMS & CONDITIONS

**Tuition:** Tuition for each student is \$1295 paid in advance of the class. Tuition includes class sessions, all course materials, breakfast, lunch and refreshment breaks. **Tuition**

**Payment:** Registrations not paid by credit card at time of registration will be invoiced with payment due within 10 days. **Early**

**Registration Discount:** All individual registrations received prior to April 20, 2012 will be billed at \$1095 rather than \$1295.

**Group Discount:** If you have three or more students attending the same session, tuition is \$995 per student. All registrations must be made at the same time to qualify for the group discount. The \$200 Early Registration Discount does not apply to group

registrations. **Substitutions:** Student substitutions are allowed at any time prior to the beginning of the class. **Cancellations:** If paying by check, you may cancel your registration without penalty up to 10 days prior to the beginning of class. If paying by credit card, cancellations made up to 10 days before class will be refunded less a 6%

processing fee. Cancellations made within 9 days of the class start date will still require payment, however, funds can be attributed to another BenchmarkQA training course or service within one year. BenchmarkQA reserves the right to cancel the class for any reason, with liability limited to the paid registration fee only.