



Software testing workshop

Opportunity Space

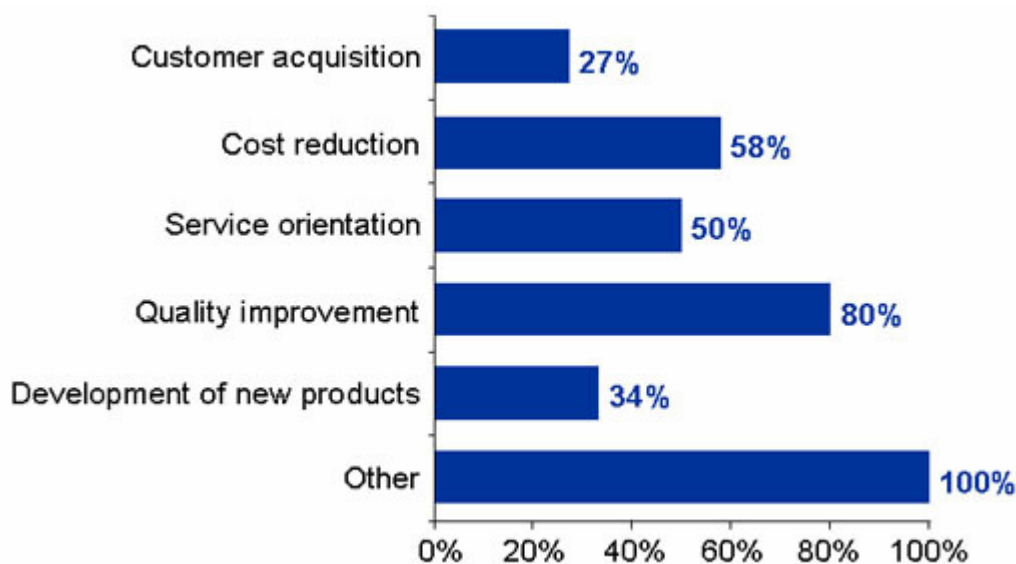
Global **software testing** business to reach **\$13 Billion by 2010**. Out of these approximately half of the testing work will be outsourced to India – Infosys.

The market for **testing services** is expected to become a **\$56 billion** industry by **2013** – Ovum

Despite this slowing, testing services will grow at a compound annual growth rate of 9.5 percent from 2008 to 2013, faster than most other (information technology) services

Indian testing services providers used to compete purely on price through labor arbitrage. That's changing – Simkin

Where are monies spent





Our program

We offer two learning streams to professionals and students wanting to create career in Software Testing profession.

1. Certificate software testing workshop spanning 3 weeks
2. Diploma software testing workshop spanning 3 months

Certificate program is geared towards professionals looking to get better understanding of software testing practice for personal use or to oversee a team.

Diploma program is geared towards professionals looking to create career in software testing practice.

Quick overview of program is presented below. Please note, this is representative list meant for reference and actual content can and will change during workshop.

Topics	3 week Certificate Workshop	3 month Diploma Workshop
Fundamentals of Software Testing		
Introduction to SDLC	Intro	Hands-on
Introduction to Software Testing	Intro	Workshop
Importance of Software Testing	Intro	Workshop
Quality Assurance Vs. Quality Control	n/a	Workshop
Types of testing methodologies	Intro	Workshop
Identifying causes of software defects	Intro	Hands-on
Bug	Intro	Workshop
Defect	Intro	Workshop
Logical Error	Intro	Workshop
Failure	Intro	Workshop
Fault	Intro	Workshop
Mistake	Intro	Workshop
Quality	Intro	Workshop
Ensuring Software Success Through Testing		
<i>Why test</i>		
Finding defects during development	Intro	Workshop
Providing confidence and information	n/a	Workshop
<i>Testing principles</i>		
Presence of defects	n/a	Hands-on
Defect clustering	n/a	Hands-on
Context dependent	n/a	Hands-on
<i>Process of testing</i>		
Introduction to bug tracking tool	Intro	Workshop



Planning and controlling	n/a	Hands-on
Analyzing and designing test cases	Intro	Workshop
Implementing and executing tests	Intro	Workshop
Evaluating and reporting	Intro	Workshop
Communication plan	Intro	Workshop
Closing bugs	Intro	Workshop
<i>Coping with the psychology of testing</i>		
Software Developer Vs. Software Tester	n/a	Workshop
Testing and the Software Life Cycle		
<i>Distinguishing software development models</i>		
Testing methodologies	Intro	Workshop
Adapting to V-model and iterative models	Intro	Hands-on
Performing tests within a life cycle model	Intro	Workshop
<i>Levels of testing</i>		
Component / Unit testing	Intro	Workshop
Integration testing	Intro	Workshop
System testing	Intro	Workshop
Acceptance testing	Intro	Workshop
<i>Types of software testing</i>		
Functional and structural tests	Intro	Workshop
Performing non-functional testing	n/a	Workshop
Conducting regression tests	Intro	Workshop
<i>Performing maintenance testing</i>		
Introduction to change management	n/a	Hands-on
Introduction to impact analysis	n/a	Hands-on
Identifying reasons for maintenance testing	n/a	Hands-on
Modification, Testing & Closure	n/a	Hands-on
Leveraging Test Design Techniques		
<i>Types of "test specifications"</i>		
Test design	n/a	Hands-on
Test case	n/a	Hands-on
Test procedure	n/a	Hands-on
Managing the Testing Process		
<i>Responsibilities in test team</i>		
Developer	n/a	Workshop
Test leader	n/a	Workshop
Tester	n/a	Workshop
<i>Planning and estimating the activities</i>		
Introduction to testing effort estimate	n/a	Hands-on
Justifying exit criteria adequacy	n/a	Hands-on
Test documentation	n/a	Hands-on
Test reporting	n/a	Hands-on
Testing Tools		
<i>Classifying different types of test tools</i>		
Defect management tools	Intro	Workshop

Red Apple Inc. 38, 3rd Main, II Floor, Ashwini Layout, Bangalore – 560095

www.RedApple-Inc.com Info@RedApple-Inc.com

+91 80 4147 9203, +91 80 4147 9204



Automated testing tools	Intro	Workshop
WinRunner	Intro	Workshop
QTP (Quick Test Professional)	Intro	Workshop
Load Runner	Intro	Workshop
SilkTest	Intro	Workshop
Rational Robot	Intro	Workshop

Hands-on training		
Work on live project	n/a	Hands-on
Understand and discuss requirements document	n/a	Hands-on
Create test plans and discuss	n/a	Hands-on
Effort estimation	n/a	Hands-on
Execute plans & record results	n/a	Hands-on
Working with bug tracking tool	n/a	Hands-on
Working with automated tools	n/a	Hands-on
Communicate test results	n/a	Hands-on

Soft skills		
Communication skills	Intro	Workshop
Presentation skills	Intro	Workshop
Time management skills	Intro	Workshop
Etiquette	Intro	Workshop
Small talks	Intro	Workshop
Meeting and greeting	Intro	Workshop

Placement Assistance		
Resume preparation	n/a	Workshop
Interview preparation and readiness	n/a	Workshop
Setting up interviews	n/a	Assistance
Attending interviews & reviews	n/a	Assistance

What is participant expected to learn during this workshop

- Apply general software testing principles and fundamental of test processes
- Implement various software development models
- Perform test design techniques
- Manage software test including planning, estimating, monitoring and controlling

Who Should Attend

Software testers, programmers, test leaders and quality specialists.