

Software Testing Techniques		Topical Outline
<ul style="list-style-type: none"> <li>• Understand testing terminology</li> <li>• Know the contents of test document</li> <li>• Understand the various types of testing</li> <li>• Know the basic techniques for deriving testcases</li> <li>• Learn some basic strategies for the overall test effort</li> </ul>		<p><b>Testing in Perspective</b></p> <ul style="list-style-type: none"> <li>➤ Definitions and Terminology</li> <li>➤ Static vs. Dynamic Testing</li> </ul> <p><b>Types of Testing</b></p> <ul style="list-style-type: none"> <li>➤ Functional</li> <li>➤ System</li> <li>➤ Performance</li> <li>➤ User Acceptance</li> <li>➤ Configuration</li> </ul> <p><b>The Test Plan</b></p> <ul style="list-style-type: none"> <li>➤ Contents</li> <li>➤ Risk Assessment</li> <li>➤ Identification and Prioritization</li> <li>➤ Reporting Results</li> </ul> <p><b>Deriving Testcases</b></p> <ul style="list-style-type: none"> <li>➤ White and Black Box Testing</li> <li>➤ Negative vs. Positive</li> <li>➤ Boundary Value Analysis</li> <li>➤ Equivalence classes</li> </ul> <p><b>Test Strategies</b></p> <ul style="list-style-type: none"> <li>➤ Requirements vs. Code Based Strategies</li> <li>➤ Inspection and Reviews</li> <li>➤ Traceability Matrix</li> <li>➤ Regression Testing</li> </ul> <p><b>Environment</b></p> <ul style="list-style-type: none"> <li>➤ Configuration Control</li> <li>➤ Automated Test Tools</li> </ul>
<p><b>Description</b></p> <p>Testware's Software Testing Techniques training course provides an introduction to various software testing techniques. This course includes testing terminology, planning and organizing what to test, deciding which types of testing to use, creating tests which provide the most coverage for the fewest number of tests, and reporting test results.</p>	<p><b>Audience, Prerequisites</b></p> <p>The course is intended for beginner or intermediate testers, analysts and engineers who need to develop a working knowledge of software testing methodology. While no previous testing experience is assumed, knowledge of various software applications is helpful. Experience in ad-hoc testing is helpful, but not required.</p> <p><b>Course length:</b> 2 days</p> <p><b>Course format:</b> lecture plus individual and group exercises and discussions.</p>	

\*This class is also offered in a 3-day compressed format along with the Writing Test Plans course. For further details please visit our website.