

Test Case Design		Topical Outline
<ul style="list-style-type: none"> • Understand the differences between static and dynamic testing techniques • Understand the differences between white and black box testing • Understand some of the common strategies for deriving test cases • Understand when to use each of the techniques for each individual project 		<p>Basic Testing</p> <ul style="list-style-type: none"> ➤ Static testing techniques ➤ Dynamic testing techniques ➤ Looking for specific fault classifications <p>Common Strategies</p> <ul style="list-style-type: none"> ➤ Negative vs. positive ➤ White and black box testing ➤ Boundary value analysis ➤ Equivalence class testing ➤ Decision tables <p>Overview of Advanced Strategies</p> <ul style="list-style-type: none"> ➤ Operational profiles ➤ Graphs ➤ Relationships ➤ Orthogonal arrays ➤ Logical models <p>Test Environment</p> <ul style="list-style-type: none"> ➤ Test databases ➤ Baseline application states
<p>Description</p> <p>Test Case Design is an intense hands-on experience that covers a variety of techniques used to derive test cases, including positive vs. negative testing, white and black box testing, boundary value analysis, equivalence class testing and decision tables. The creation of test databases and baseline states for the test environment are also discussed.</p>	<p>Audience, Prerequisites</p> <p>Class attendees are typically QA testers, analysts and engineers who have been primarily testing in an ad-hoc fashion and are looking for more formal techniques to apply. Some familiarity with or exposure to testing is assumed.</p> <p>Course length: 1 day</p> <p>Course format: lecture plus individual and group exercises and discussions.</p>	