PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: Test Techniques - Advanced Level Workshop	**Course Duration**: 2.0 Days
Exam: Not Included	**Exam Type**: No Exam
Qualification: No Certificate	

Course Syllabus

Our Test Techniques – Advanced Level Workshop will cover the following topics:

- Static analysis & dynamic testing
- Control flow analysis
- Data flow analysis
- System architectures and call graph analysis
- Dynamic white-box testing
- Condition, decision/condition, modified condition decision, multiple condition testing
- Path testing
- Dynamic black-box testing
- Use-case testing
- Choosing test techniques

Course Overview

Our two-day Test Techniques – Advanced Level Workshop will provide you with practical guidance on the application of advanced test case design techniques (and measures of test coverage), and advice on the choice of which of these techniques and measures to use. The aim is to extend your tool-set of techniques from which they can then choose most effectively.

Our Test Techniques – Advanced Level Workshop will give you practical hands-on experience of applying static analysis and test case design techniques to example problems relating to both code and business processes, each of which is supported by model answers.

Course Learning Outcomes

Our Test Techniques – Advanced Level Workshop will cover the following objectives:

- To give you an awareness of the benefits of using static analysis to identify test objectives and risks
- To give you experience in applying static analysis & structure-based test design techniques
- To give you experience in applying black-box approaches to business process via use-cases
- To give you an appreciation of how test techniques are appropriate for different systems under test and/or different levels of risk
- To give you an appreciation of how these techniques are used to create test cases and measure test coverage

Audience

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Our Test Techniques – Advanced Level Workshop is principally aimed at testers and test engineers who have already attended our Test Techniques – Foundation Level Workshop who want to improve the quality and effectiveness of the tests they (or their testers) design, and who want to ensure that they are fully aware of current best industry practices.

Entry-Level Requirements

You should have sat the Test Techniques – Foundation Level Workshop or have equivalent knowledge before sitting the Test Techniques – Advanced Level Workshop.

Recommended Reading

There is no recommended reading for our Test Techniques – Advanced Level Workshop.

What's Included

Our Test Techniques – Advanced Level Workshop includes slides, exercises and practical work, and uses a hands-on approach based on group exercises and discussions.

It is highly-interactive, allowing you to learn from the experience of the instructor and each other, and, owing to its interactive nature, each workshop is restricted to a maximum of 18 delegates.

Exam Information

There is no formal examination or certification associated with our Test Techniques - Advanced Level Workshop.

What's Next

Whenever you are ready for the next step in certification, here are the most common follow on courses after our Test Techniques - Advanced Level Workshop.

- ISTQB® Foundation
- ISTQB® Advanced Test Analyst
- ISTQB® Advanced Technical Test Analyst
- ISTQB® Advanced Test Manager

Additional Information

Our Test Techniques – Advanced Level Workshop will have given you an appreciation of how test techniques are appropriate for different systems under test and/or different levels of risk.