

Quality Center for Testers

Overview

Quality Center is an industry-leading global Quality Management software solution utilised by a number of different organisational roles. Our course focuses on how Quality Center is best used by Testers in line with their organisation's Test Methodology and Processes. All of the Quality Center functionality required in testing roles will be covered in this 2 day course with a focus on industry best practice.

Duration

2 days

Learning Method

Revolution IT is Australia's leading Test Consultancy. Our Instructors are experienced Test Consultants with extensive hands-on experience. They are well placed to expand on textbook theory to enhance the learning and reinforce the concepts taught in the classroom.

Each module will be presented by the Instructor encouraging questions and discussion throughout the course. Comprehension and understanding of the module will be sought through our review questions and hands-on exercises.

Each student will receive a copy of the Quality Center for Testers student manual. This manual is used throughout the course and proves a useful reference tool upon completion of the course.

Who will benefit from this course?

This is an ideal course for all people in testing roles who need to use Quality Center such as:

- Test Managers
- Test Leads
- Test Analysts
- Technical Test Analysts

Prerequisites for this course

A working knowledge of Windows.

What can you expect to gain from this course?

At the end of the course, you will be able to:

- Understand the importance of Testing Processes and Methodologies
- Understand the Test Processes that should be in place to use Quality Center effectively
- Understand and define the relationship between Requirements, Test Conditions and Test Cases
- Generate quality Test Cases ensuring sufficient coverage of your Requirements
- Execute Test Cases and raise and track Defects
- Analyse Test Results
- Create useful reports for Test Activities

Course Content

Overview of Testing

- The Fundamental Test Process
- The Software Development Lifecycle (SDLC)
- The Test Strategy
- The different levels and types of testing
- Releases and Cycles

Library Management

- What is Version Control?
- Why we use Version Control
- How Version Control works
- Check In and Check Out of Objects
- Comparing Object Versions
- Libraries and Baselining
- Comparing Baselines

The Requirements of Testing

- The purpose of Business Requirements
- The relationship between Requirements, Test Conditions and Test Cases
- The role of the tester in the Requirements Workflow
- Adding Requirements into Quality Center
- Requirements Traceability
- Test Coverage
- Risk Based Testing
- Business Process Modelling Overview

Test Planning

- The Test Case Creation
- Prioritising Test Cases
- Developing the Test Plan Tree Manually and Automatically
- Best Practice Test Case Development
- Test Templates and Parameters
- Configurations
- Linking Test Cases to Requirements to ensure sufficient coverage
- Test Case Quality Assurance
- Generating Live Analysis Graphs from the Test Plan Tree

Test Execution

- What is contained in the Test Lab
- Test Folders, Test Sets and Test Instances
- How to prepare for Test Execution
- How to build Test Sets
- Manual Execution of Test Cases
- Using HP Sprinter
- Test Instance Properties
- Generating Live Analysis Graphs

Defect Management

- What is a Defect?
- The Defect Management Process
- Adding and Updating Defects
- Smart Defects with Sprinter
- Best Practices for Raising Defects
- Defect Priority and Severity
- Linking Defects to other Entities
- Searching, Sorting, Filtering and Favourites
- Mailing Defects
- Analysis Reporting and Graphs

Reporting

- The Different Reporting Options
- When to use each Reporting Option
- The Quality Center Dashboard
- A Summary of Analysis Reporting and Graphs
- Project Reports
- Business Views – Graphs and Excel Reports
- The Release Scorecard

Appendix – Exporting Data from Microsoft Excel and Word

- Exporting Data from Microsoft Excel
- Exporting Data from Microsoft Word

Related Courses

- ISTQB Software Testing Foundation Certificate
- HP ALM120 – Application Lifecycle Management 12.0 Essentials