

# TEST CASE MANAGEMENT USING VISUAL STUDIO 2013

TCM2013 | 1 Day



## OVERVIEW

This one-day, instructor-led course provides students with the knowledge and skills to effectively create and manage test cases as well as run tests using Microsoft Test Manager and Team Foundation Server 2013.

## AUDIENCE

This course is intended for developers, testers, test managers, and other QA professionals who are involved in defining, assuring and increasing the overall quality of a software application.

## PREREQUISITES

Before attending this course, students should have experience in creating, managing, and executing tests cases for a software application. Additionally, students should:

- Have familiarity with their team's development process
- Have experience reading and understanding requirements
- Be able to understand and define acceptance criteria
- Have experience defining and running manual tests

<u>MODULE</u>	<u>LESSONS</u>	<u>HANDS-ON</u>
<b>1. TEST CASE MANAGEMENT</b>  This module introduces Visual Studio, Team Foundation Server, Application Lifecycle Management (ALM), and how and where test case management fits in.	<ul style="list-style-type: none"><li>• Application Lifecycle Management</li><li>• Test Case Management</li><li>• Team projects</li><li>• Process templates</li><li>• Work item types and categories</li><li>• Test Case work item type</li><li>• Queries and reports</li></ul>	<ul style="list-style-type: none"><li>• Setup the learning environment</li><li>• Setup the testing environment</li><li>• Explore the Fabrikam Fiber website</li><li>• Explore the Fabrikam Fiber project</li><li>• Run an automated build</li><li>• Manage the product backlog</li><li>• Plan work for an upcoming sprint</li></ul>
<b>2. TEST PLANNING</b>  This module introduces Microsoft Test Manager and how to use it to plan your testing effort.	<ul style="list-style-type: none"><li>• Microsoft Test Manager</li><li>• Test plans</li><li>• Test suites</li><li>• Test settings, environments, and configurations</li><li>• Managing test cases</li><li>• Using shared steps</li></ul>	<ul style="list-style-type: none"><li>• Create a test plan and test suites</li><li>• Create and use test configurations</li><li>• Create and manage test cases</li><li>• Create a manual test</li><li>• Create and use shared steps</li><li>• Managing test plans from a browser</li><li>• Use Test Scribe (optional)</li><li>• Use Test Case Migrator Plus (optional)</li></ul>
<b>3. RUNNING TESTS</b>  This module demonstrates how you can configure and run manual and exploratory tests from within Microsoft Test Manager.	<ul style="list-style-type: none"><li>• Running tests</li><li>• Recording and playing-back tests</li><li>• Recording video</li><li>• Creating and verifying bugs</li><li>• Exploratory testing</li><li>• Coded UI tests</li></ul>	<ul style="list-style-type: none"><li>• Run a manual test</li><li>• Associate a bug to a failing test</li><li>• Playback a recorded test</li><li>• Record desktop video during testing</li><li>• Perform exploratory testing</li><li>• Running manual tests from the browser</li><li>• Create a coded UI test (optional)</li></ul>

## COURSE DESIGNER

This course was designed by Richard Hundhausen, a Visual Studio ALM MVP, Microsoft Regional Director, and an experienced software developer and trainer. For more information about his company, or to see other courses that they offer, visit [www.accentient.com](http://www.accentient.com).

