

# Test Case Management Using Visual Studio 2015

TCM2015 | 1 Day

This one-day course provides students with the knowledge and skills to effectively create, manage, and execute test cases using Microsoft Test Manager 2015.



## Course Objectives

At course completion, attendees will have had exposure to ...

- ✓ Microsoft Test Manager 2015
- ✓ Creating and managing test plans
- ✓ Creating and managing test suites
- ✓ Organizing test plans around sprints and releases
- ✓ Managing test settings and configurations
- ✓ Assigning configurations to test runs
- ✓ Creating quality, maintainable tests
- ✓ Creating and using shared test steps
- ✓ Using Microsoft Test Runner to execute tests
- ✓ Recording and playing-back test step actions
- ✓ Recording desktop video during tests
- ✓ Creating high-quality, actionable bug reports
- ✓ Verifying that bugs have been resolved
- ✓ Managing and running tests from the browser
- ✓ Conducting exploratory testing
- ✓ Using charts and reports to assess testing progress
- ✓ Using coded UI tests to automate UI testing
- ✓ Creating a code UI test from an action recording

## Who Should Attend

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

Students should have experience in creating, managing, and executing tests cases for a software application. Additionally, students should have some familiarity with their team's development process and be able to understand requirements and acceptance criteria.

## Modules

### Module 1: Test Case Management

- ✓ Visual Studio 2015 testing features
- ✓ Test case management
- ✓ Team Foundation Server 2015
- ✓ Team projects
- ✓ Testing related work item types

### Module 2: Test Planning

- ✓ Microsoft Test Manager
- ✓ Test plans
- ✓ Test suites
- ✓ Test settings and test configurations
- ✓ Managing test cases
- ✓ Creating and using shared steps

### Module 3: Running Tests

- ✓ Running tests
- ✓ Recording and playing-back tests
- ✓ Recording video
- ✓ Creating and verifying bugs
- ✓ Exploratory testing
- ✓ Coded UI tests

## Course Designer

This course was designed by Richard Hundhausen, a Visual Studio ALM MVP, Microsoft Regional Director, and an experienced software developer and trainer. To see other developer courses, visit [www.accentient.com](http://www.accentient.com).

