

## SpecFlow Acceptance Testing

### Audience Course Acceptance Testing

The course Acceptance Testing with [SpecFlow](#) is targeted at testers, developers and others who want to use SpecFlow and Gherkin for the specification of automated tests.

### Prerequisites Acceptance Testing with SpecFlow

Experience with testing and/or programming in C# or Java is strongly recommended to participate in the course Acceptance Testing with SpecFlow.

### Realization training Acceptance Testing

The theory is explained by means of presentations and demos. Scenarios are implemented as exercises in C# with the Visual Studio development environment. Theory and practice are interchanged. Course times are from 9:30 to 16:30.

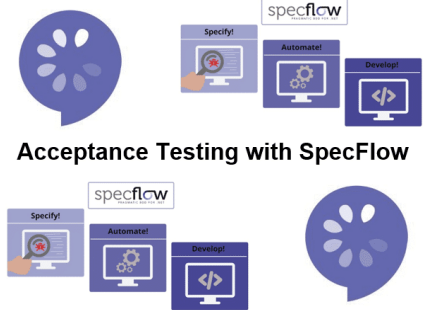
### Certification Acceptance Testing with SpecFlow

After successful completion of the course, the participants receive an official certificate Acceptance Testing with SpecFlow.

Duration: 2 days

Price: € 1399

[Open Schedule](#)



## Content Course SpecFlow Acceptance Testing

In the course Acceptance Testing with SpecFlow it is discussed how the open source framework SpecFlow in combination with the scenario language Gherkin can be used to write the specifications for automated acceptance tests.

### SpecFlow BDD

SpecFlow, also called Cucumber for .NET, is a Behavior Driven Development tool with which test scenarios are drawn up in common language in consultation with the customer and end user. The scenarios are also intended for developers and serve as input for the generation of automated test scripts in a programming language and test framework.

### Gherkin Feature Files

In the course Acceptance Testing with SpecFlow attention is paid to the compilation of Feature files, the syntax of the Gherkin specification language and the creation of a template file for the step definitions. Various SpecFlow configuration options are explained.

### SpecFlow Hooks

Furthermore, Data Driven testing with SpecFlow and the parameterization of tests are discussed. The application of hooks that are performed before, after or during a test step is also on the course schedule.

### SpecFlow Integration

Finally attention is paid to SpecFlow tags, SpecFlow expression language and the integration with the NUnit Test Framework. The course Acceptance Testing with SpecFlow uses C# as the programming language and NuGet for downloading SpecFlow and NUnit dependencies.

## Modules Course SpecFlow Acceptance Testing

<b>Module 1 : SpecFlow Intro</b>	<b>Module 2 : Gherkin Keywords</b>	<b>Module 3 : Step Definitions</b>
SpecFlow Intro SpecFlow Configuration Visual Studio Integration Acceptance Test Driven Development ATDD for .NET Cucumber for .NET Project Requirements Mocking and Stubbing User Stories Scenarios Features	What is Gherkin? Gherkin Syntax Feature Files Gherkin Keywords Feature Keyword Background Keyword Scenario Keyword Given and When Keyword Then and And Keyword But Keyword * Keyword	Step Definitions Step Definition File Step Template Automation Script Step Implementation SpecFlow Options dryRun Option monochrome Option features Option glue Option format Option
<b>Module 4 : Data Driven Testing</b>	<b>Module 5 : SpecFlow Hooks</b>	<b>Module 6 : SpecFlow Tags</b>
Parameterization Scenario Outline Executing Examples Data Tables Raw Methods Maps in Data Tables Test Step Implementation Matching Steps Failed Steps	What are Hooks? Scenario Hooks Before Hook After Hook Lambda Style Around Hook Step Hooks BeforeStep and AfterStep Tagged Hooks	What are Tags? Scenario Subset Scoping Hooks Tag Placement Tag Inheritance Tag Expressions Run Scenario Subset Ignoring Scenarios Tags for Documentation
<b>Module 7 : Extending SpecFlow</b>	<b>Module 8 : NUnit and MSTest</b>	
SpecFlow+ SpecMap Automapper SpecFlow.Assist Scoped Bindings Multiple Bindings Context Injections SpecFlow Tables SpecFlow Report Generation SpecFlow and Pickles	NUnit Integration MSTest Integration Assert Statements Assert Class Fixtures Annotations Test Suites Suite in Suite Parallel Execution Parameterized Tests	