

## ASP.NET Web Development

### Audience ASP.NET Web Development Course

The course ASP.NET Web Development is intended for Web developers who want to learn ASP.NET and Visual Studio.

### Prerequisites Course ASP.NET Web Development

To participate in this course a good knowledge of HTML and basic knowledge of C# is required.

### Realization Training ASP.NET Web Development

The course has a hands-on nature. The theory is treated on the basis of presentation slides. The theory is interspersed with demos and exercises. The course materials are in English.

### Certification ASP.NET Web Development Course

After successful completion of the course the participants receive an official ASP.NET Web Development certificate.

Duration: 4 days

Price: € 2450

[Open Schedule](#)

**ASP.net**



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## Content Course ASP.NET Web Development

In the course ASP.NET Web Development participants will get a comprehensive introduction to ASP.NET with which they are able to develop modern state of the art web applications. After completing the course participants will understand the important aspects of ASP.NET and apply these in their own web applications.

Attention is paid to building a User Interface in ASP.NET that uses Master Pages and all sorts of controls.

Next the possibilities ASP.NET has for input validation of these controls are discussed. Accessing databases with ADO.NET from ASP.NET applications is on the program as well.

An important aspect of Web applications is how user data can be maintained between requests and how user sessions can be made. This is discussed in the section on State Management.

Finally attention is paid to the Entity Framework which implements Object Relational Mapping.

## Modules Course ASP.NET Web Development

<b>Module 1 : Intro to ASP.NET</b>	<b>Module 2 : ASP.NET UI</b>	<b>Module 3 : Validation Controls</b>
Overview of ASP.NET HTML Controls Web From Server Controls How Web Forms Work IIS Objects Creating User Controls Web Forms with Controls Developing with Visual Studio Debugging	Uniform Page Layout Devising Site Templates Controls on Master Pages Implementing ASP.NET Menu TreeView and SiteMapPath Defining Structure using SiteMaps Dynamically Moving between Pages Themes with CSS and Skins Styling Controls with Skins	Introducing Validation Controls Validation Requirements RequiredFieldValidator Control RangeValidator Control RegEx Syntax RegularExpressionValidator CustomValidator Control ValidationSummary Control CompareValidatorControl
<b>Module 4 : ADO.NET</b>	<b>Module 5 : State Management</b>	<b>Module 6 : Entity Framework</b>
ADO.NET Intro Introducing DataReader Retrieving DataSets Generically Working with Relations ADO.NET Connections Connection Information Connection Objects Updating Command Objects	Investigating State Management Using Session Object Using Cookies ViewState Property Cookieless Sessions ASP.NET State Service SQL Server State Management What's Changed from ASP	Reporting with Entities Filtering Data Dynamically Cached Data Binding Entity Framework Entity DataSource Dynamically Generating Queries Query Extender Selecting and Sorting with LINQ