

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

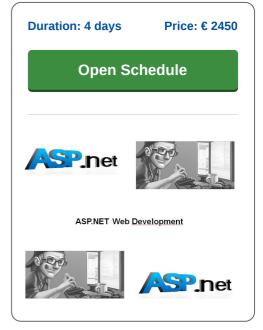
To participate in this course a good knowledge of HTML and basic knowledge of C# is required.

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.



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

Module 2 : ASP.NET UI	Module 3 : Validation Controls
Uniform Page Layout	Introducing Validation Controls
Devising Site Templates	Validation Requirements
Controls on Master Pages	RequiredFieldValidator Control
Implementing ASP.NET Menu	RangeValidator Control
TreeView and SiteMapPath	RegEx Syntax
Defining Structure using SiteMaps	RegularExpressionValidator
Dynamically Moving between Pages	CustomValidator Control
Themes with CSS and Skins	ValidationSummary Control
Styling Controls with Skins	CompareValidatorControl
Module 5 : State Management	Module 6 : Entity Framework
Investigating State Management	Reporting with Entities
Using Session Object	Filtering Data
Using Cookies	Dynamically Cached Data
ViewState Property	Binding Entity Framework
Cookieless Sessions	Entity DataSource
ASP.NET State Service	Dynamically Generating Queries
SQL Server State Management	Query Extender
What's Changed from ASP	Selecting and Sorting with LINQ
	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 Module 5 : State Management Investigating State Management Using Session Object Using Cookies ViewState Property Cookieless Sessions ASP.NET State Service SQL Server State Management