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With this Programming and Networking course, get up to speed on everything you need to successfully use Visual Studio.NET to develop, test, and deploy web applications.




The goal of this ASP.NET training course is to teach students how to create a simple Active Server Page ASP.NET application that delivers dynamic content to the Web. The ASP.NET course covers Web Forms and handling events, Web Controls and input validation, using the new web application architecture and Web Services, and debugging in the new integrated development environment.

Attendees will be fully familiarised with the architecture of the .NET Framework, as well as the use of the core classes for Web user interfaces, form processing, form validation, session and application management, database connectivity, and Web services.

You can book this ASP.net training course in conjunction with our VB.net course for a comprehensive introduction to .Net. Call us on +44 (0)1273 622272 to discuss your options.

## Prerequisites

Some familiarity with web design using HTML and Active Server Pages. Basic knowledge of .NET and Visual Basic .NET. If you are unsure if you have the prerequisites for this course, please call 01273 622272 to discuss with one of our training managers.

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## Course Objectives

At the end of this ASP.NET course, delegates will be able to:

- Create a Web form with server controls
- Separate page code from content with code-behind pages, page controls, and components
- Display dynamic data from a data source by using ADO.NET and data binding
- Debug .NET Active Server Pages

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## Working with ASP.NET

- Introducing ASP.NET
- Creating Web Forms
- Adding ASP.NET Code to a Page
- Handling Page Events

## Using Web Controls

- Web Controls and HTML controls compared
- Using Intrinsic Controls
- Using Input Validation Controls
- Introduction to user controls

## Using Trace in ASP.NET Pages

- Overview of Tracing
- Trace Information
- Page-Level Trace and Application-Level Trace

## Separating Code from Content

- Advantages of Partitioning an ASP.NET Page
- Creating and Using Code-Behind Pages
- Creating and Using Components and Classes
- Inheritance of Classes
- Interfaces

## Using ADO.NET to Access Data

- Accessing text files
- Overview of ADO.NET
- Connecting to a Data Source
- Accessing Data with DateSets
- Using DataViews
- Accessing Data with DataReaders
- Using XML Data with a DataSet

## Creating an ASP.NET Web Application

- Requirements of a Web Application
- Sharing Information Between Pages
- Securing an ASP.NET Application Web Services
- Creating a Simple Web Service Using Visual Studio.NET
- Calling a Web Service Using Visual Studio.NET

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integrated development environment.