

## Introduction to ASP.NET: Bespoke

**Suggested duration: 3 days**

This course is designed to enable you to create ASP.NET applications that deliver powerful, dynamic web content. The course covers web forms and handling events, web controls and input validation using the new web application architecture and web services. The course also covers debugging in the integrated development environment.

Run as a bespoke course, it gives you the opportunity to tailor the course to your exact requirements. To provide a start point, we'd recommend you use the suggested course outline as a guide.

The course on each day runs from 9.30 am to approximately 4.30pm.

### Who should attend?

Delegates should have good HTML skills and knowledge of a programming language eg JavaScript, VBScript or ActionScript. Although not essential some knowledge of SQL would be an advantage. If you are looking to build data driven web applications and not just websites using the latest Microsoft technology then this is the course for you.

### COURSE CONTENT

- **Introduction**
  - Core differences between ASP and ASP.NET
- **Working with ASP.NET**
  - Setting up the ASP.NET environment
- **The ASP.NET framework**
  - Understand namespaces & classes
  - Understanding object orientation
- **ASP.NET essentials**
  - Key ASP.NET points
  - Debug.NET Active Server Pages
  - Setting up the web.config
- **Separating code from content**
  - Advantages of partitioning an ASP.NET page
  - Creating & using Code-Behind pages
  - Creating and using components
- **Using web & HTML controls**
  - Using HTML Server controls
  - Using: asp:dropdownlist, asp:textbox & asp:checkboxlist
- **Using Web Server controls**
  - Using asp:Calendar
  - Using asp:Validation Controls
- **Building .VB and .ASCX pages**
  - Creating code for .vb web services
  - Creating usercontrol.ascx files
- **Understanding database basics**
  - Relational entities and SQL queries
  - Using ODBC vs OLEDB
- **Using Trace in ASP.NET pages**
  - Page-Level Trace
  - Understanding the use of DataAdapter, DataSets & DataViews
- **Web Server display controls**
  - Understanding: DataRepeater, Datalist & GridView
- **DataRepeater**
  - Properties, styles and templates
- **Datalist**
  - Properties, styles and templates
  - Hyperlink, buttons & bound columns
  - Sorting data
  - Paging data
  - Updating and deleting data

- How to create a web form with Server Controls
- To separate page code from content with code-behind pages
- Display dynamic data from a data source using ADO.NET & data binding techniques

## What will I learn?

**For more information or to book a course please call 01926 436934**