

Building ASP.NET applications

A 3 day **Hands on** training course



Description

Our hands on ASP.NET training course that will teach students how to create a simple ASP.NET application that delivers dynamic content to the web. The course is applicable for those using C# or VB.NET with ASP.NET.



Key outcomes

By the end of the 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 ASP.NET pages by using trace.



Training Approach

This structured course uses Instructor Led Training to provide the best possible learning experience. Small class sizes ensure students benefit from our engaging and interactive style of teaching with delegates encouraged to ask questions throughout the course. Quizzes follow each major section allowing checking of learning. Hands on sessions are used throughout to allow delegates to consolidate their new skills.



Details

Who will benefit?

Programmers working with ASP.NET.

Prerequisites

HTML5 development fundamentals
C++ or VB.Net

Duration: 3 days

Overall rating:



Generic Training



Generic training compliments product specific courses covering the complete picture of all relevant devices including the protocols "on the wire".

"Friendly environment with expert teaching that teaches the why before the how."
G.C. Fasthosts

Small Class Sizes



We limit our maximum class size to 8 delegates; often we have less than this. This ensures optimal interactivity between delegates and instructor.

"Excellent course. The small class size was a great benefit..."
M.B. IBM

Hands On Training



The majority of our courses use hands on sessions to reinforce the theory.

"Not many courses have practice added to it. Normally just the theoretical stuff is covered."
J.W. Vodafone

Our Courseware



We write our own courses; courseware does not just consist of slides and our slides are diagrams not bullet point text.

"Comprehensive materials that made the course easy to follow and will be used as a reference point."
V.B. Rockwell Collins

Customise Your Course



Please contact us if you would like a course to be customised to meet your specific requirements. Have the course your way.

"I was very impressed by the combination of practical and theory. Very informative. Friendly approachable environment, lots of hands on."
S.R. Qinetiq

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Course Content

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

What our customers say

"Absolutely brilliant, very knowledgeable and helpful trainer would recommend to teach anyone. Kept me interested 100% of the time which is very impressive as this does not happen often, if at all!"

O. B. Network Rail

"The best technical course I've been on!."

L. W. Fujitsu Telecoms Europe

"Very well thought out and structured course. Would recommend 100%. Lots of equipment, good quality."

A.R. Unipart

"Course content is interesting. Relevant to current systems and presented well."

S.S-T. Arqiva

