



Visual Studio

Course overview

Description

In depth guidance on programming Microsoft.Net versions 2 & 3 with Visual Studio 2005.

Who will benefit

Developers who wish to use Visual Studio 2005

Prerequisites

Professional programming experience in C, C++, early versions of Visual Basic .Net or Visual C#, Java or other programming languages.

Duration: 5 days



Contents

Hands on !

- Overview of the Microsoft .Net framework
- Key features and components of Microsoft .NET Framework 2.0. Overview of .Net 3 technologies
- Creating Applications
- Managing Solutions and projects. Managing IDE.
- Writing code with Visual Studio 2005
- Examining Language & Syntax
- Features
- Fundamental language features of C# & VB.
- New language features in Visual Studio 2005

- Object-Oriented Programming (OOP) Essentials
- Key features of OOP

- Advanced OOP
- Inheritance & interfaces
- Delegate & Events
- Their use in .Net applications

- Security in the .Net Framework
- Code Access Security Implementation
- Role-based security Implementation

- Accessing Data using ADO.NET
- Overview of Data Access
- Reading & writing Relational Data
- Reading & writing XML Data

- Building Presentation Foundation Applications
- Introduction to Presentation Foundation and XAML
- Programming Presentation Applications

- Creating Distributed Applications
- XML Web services
- Windows Communication Foundation Service

- Monitoring .NET using Instrumentation
- Instrumentation Introduction
- Code Tracing & Debugging, Performance Counters & Event Logs

- Compiling, Testing & Deploying .Net Apps

- Unmanaged Code Interoperating

- Software Design & Development

Why us?

We prefer to let our clients explain why. *"Easily one of the best bits of training I've had! Should have done this months ago."*

T.R. Royal Bank of Scotland

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. *"Well presented & lots of it."*

P.A. Livingston

Customise your course

Is there more than one of you? 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

Our clients

You can be reassured that when you receive training from us, you are in good company. Clients range from service providers and large multinationals down to one man businesses.

"Material covered is relevant to ISP operation, more so than many vendor courses."

A.F. LINX

What our customers say

"Big thanks to SNT. I found this course to be well planned and delivered by your professional staff."

S.H. Deutsche Bank AG