

# **Microsoft<sup>®</sup>** **online learning**

Developer Catalogue  
Summer/Autumn 2009



---

Helping train over 2.8 million people in  
Microsoft technologies over the last decade

---

# Official Microsoft® training at a price you can afford



Microsoft Online Learning is a cost-effective training platform written and developed by the Microsoft product team. This unique on-the-spot training is ideal for addressing skill gaps and significantly reducing training times.

Over 800 courses are available:

- In up to 15 different languages
- Covering desktop, IT professional and developer technologies

## Safe Virtual Lab technology

Most developer courses include training on real systems, not simulations, using Microsoft-hosted Virtual Labs. Exercises are carried out using a remote virtual environment without risking live systems.

## Great value - with no hidden costs

Microsoft Online Learning is a highly cost-effective training platform offering great value with no hidden costs. In direct comparison with instructor-led training (ILT), the online courses can reduce IT training costs significantly (see Figure 1). Courses can be run at anytime and anywhere with a web-enabled computer, reducing time lost out of the office and associated travel and hotel expenses.

Course	Microsoft Online Learning	Instructor-Led Training (ILT)	Percentage Saving
	Cost (£)	Cost (£)	
MCSE Windows Server 2003 Complete Training	997	5,093	80.4 %
Analyzing Requirements and Defining Microsoft .NET Solution Architectures (course 2710)	170	995	82.9 %
Advanced Data Access Development with Microsoft Visual Studio 2005 (course 2542)	102	445	77.1 %

Figure 1: Saving Comparison Table  
Source: web searches 2009

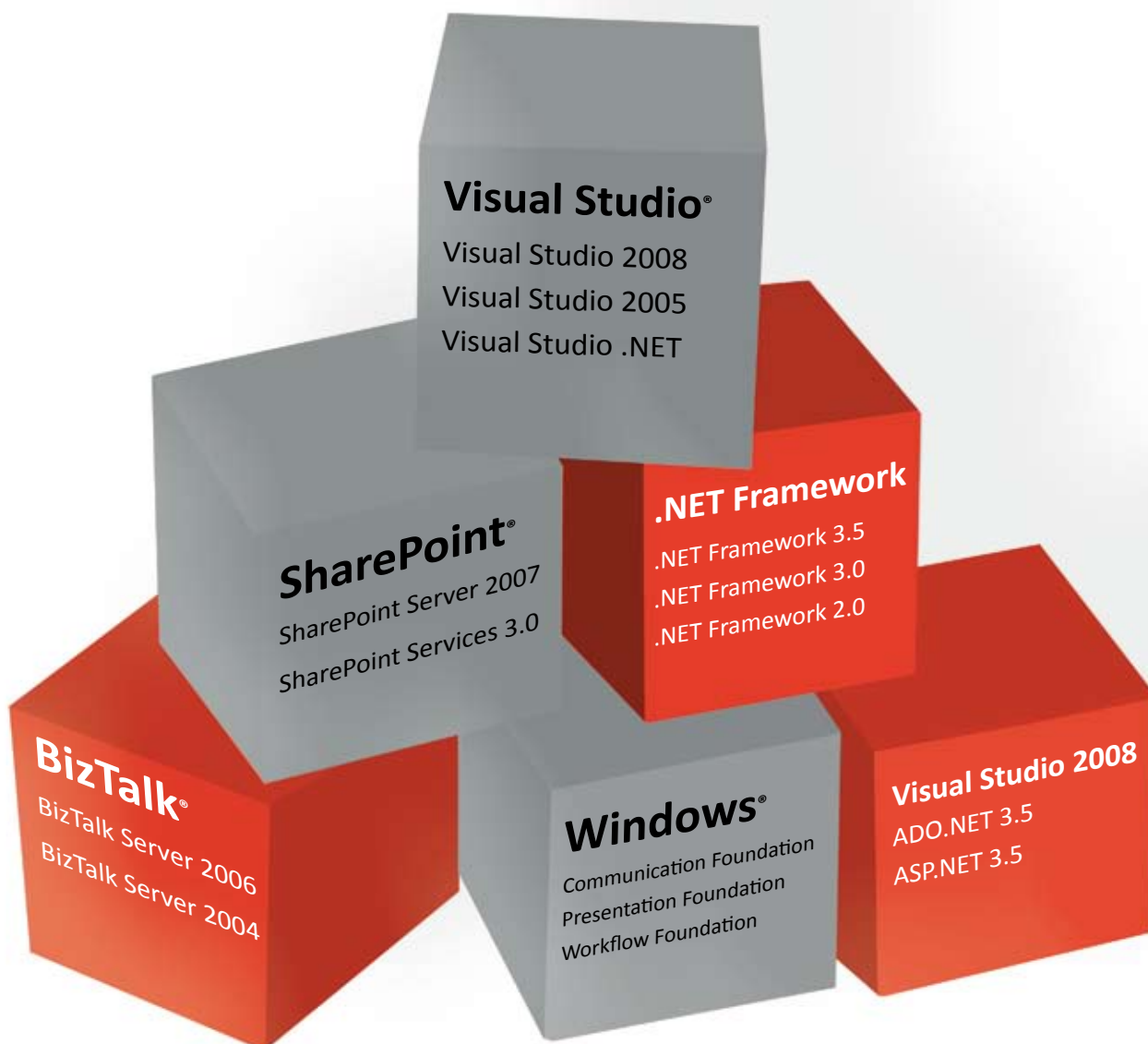
No time to leave the office for training?

## Key Benefits

Microsoft Online Learning courses combine the benefits of classroom training and books. They are interactive, hands-on and easily monitored, using virtual labs to allow practice in a real environment. They are also low-cost, self-paced and can be used both at home and at work, anytime and anywhere.

**Microsoft®**  
*online learning*

- Ideal for developers looking to improve and learn new skills
- Ideal for developers who want to get certified in Microsoft technologies



Our courses are delivered over the Internet and can be taken anytime and anywhere. Course progress is fully visible via an industry leading Learning Management System.

# Visual Studio® 2008

Official Microsoft® Online Learning featuring hands-on workshops and Virtual Labs

**DESIGNED &  
DEVELOPED  
BY  
MICROSOFT**

## MCTS Training

70-502

**Collection 6460: Visual Studio 2008 Windows Presentation Foundation Training**



This series of interactive courses will help teach you how to create, configure, manage and deploy Windows Presentation Foundation (WPF) applications. It is recommended by Microsoft as training towards the Microsoft Certified Technology Specialist (MCTS) exam 70-502.

The collection offers extensive training on the following areas:

- Creating an application
- Building user interfaces
- Customising appearance
- Binding data to controls
- Binding data to collections
- Building advanced user interfaces
- Managing documents
- Adding 2-D graphics
- Adding 3-D graphics
- Configuring and deploying WPF applications

Ref: 888979

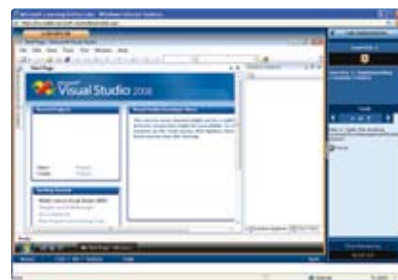
**Course length: 20 hours**

£170.20 + VAT

## MCTS Training

70-561

**Collection 6464: Visual Studio 2008 ADO.NET 3.5 Training**



Developed by Microsoft, this collection of courses provides you with the knowledge and skills to work with ADO.NET 3.5 in Visual Studio 2008. It also helps you prepare for exam 70-561 TS: Microsoft .NET Framework 3.5 ADO.NET.

The collection includes ten 2-hour courses covering:

- Accessing databases
- Working with data
- Retrieving data by using datasets
- Updating data
- Working with XML data
- Synchronizing data
- Getting Started with LINQ
- Implementing Data Access Using LINQ to SQL
- Implementing the entity framework
- Implementing applications by using data services

Ref: 886314

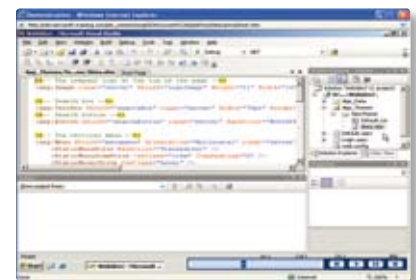
**Course length: 20 hours**

£170.20 + VAT

## MCTS Training

70-562

**Collection 6463: Visual Studio 2008 ASP.NET 3.5 Training**



This in-depth collection of courses is fully interactive with extensive scenario-driven technical labs. It includes ten 2-hour courses which are recommended by Microsoft as training for the MCTS exam 70-643. The courses covers the following areas:

- Creating ASP.NET 3.5 applications
- Managing data and services
- Working with data binding
- Implementing security
- Working with ASP.NET AJAX
- Managing state and caching
- Creating controls for Web applications
- Implementing personalisation, common layout and themes
- Configuring and deploying ASP.NET 3.5 applications
- Implementing separation of concern using MVC

Ref: 888324

**Course length: 20 hours**

£170.20 + VAT

## Also available:

Collection 5160: Core Development with the Microsoft .NET Framework 2.0 Foundation - training for exam 70-536 - ref 839243 - 14 hours - £119.14 + VAT

Collection 5161: Advanced Development with the Microsoft .NET Framework 2.0 Foundation - training for exam 70-536 - ref 839460 - 16 hours - £136.16 + VAT

Collection 6461: Visual Studio 2008: Windows Communication Foundation - training for exam 70-503 - ref 888983 - 20 hours - £170.20 + VAT

Collection 6462: Visual Studio 2008: Windows Workflow Foundation - training for exam 70-504 - ref 886437 - 12 hours - £102.12 + VAT

Individual 2-hour Visual Studio 2008 courses available from £22.12 + VAT

Studying for Microsoft certifications?

## Developer Course Listing

Full Title	Ref	Length (Hours)	RRP £ ex VAT
<b>.NET FRAMEWORK</b>			
Course 2622: Using Advanced Microsoft .NET Scalable Data Management Techniques	839120	5	161.69
Course 2623: Using Advanced Microsoft .NET Application Security	839140	5	161.69
Course 2624: Using Advanced Microsoft .NET Performance and Operational Techniques	839154	5	161.69
Course 2626: Developing Microsoft .NET Applications Using Code Generation, UI Process and Abstraction	839169	5	161.69
Course 2627: Using Advanced Microsoft .NET Application Deployment Techniques	839173	5	161.69
Course 2628: Extending Business Workflow to Mobile Devices by Using Microsoft .NET	839188	5	161.69
Course 2629: Developing Microsoft .NET Service-Orientated Applications	839192	5	161.69
Course 2641: Windows Debugger for .NET Developers	839205	6	110.63
Course 2642: Tool for the Toughest .NET Challenges	839210	6	110.63
Course 2643: Building Dynamically Extensible applications: Hosting, AppDomains and Reflection	839224	4	110.63
Course 2710: Analyzing Requirements and Defining Microsoft .NET Solution Architectures	839239	21	170.20
<b>.NET FRAMEWORK 2.0</b>			
Collection 5160: Core Development with the Microsoft .NET Framework 2.0 Foundation	>>> BESTSELLER 839243	14	119.14
Collection 5161: Advanced Development with the Microsoft .NET Framework 2.0 Foundation	839460	16	136.16
Course 3354: Implementing System Types and Interfaces in the Microsoft .NET Framework 2.0	839474	2	22.12
Course 3355: Implementing Collections and Generics in the Microsoft .NET Framework 2.0	839489	2	22.12
Course 3356: Configuring and Installing assemblies in the Microsoft .NET Framework 2.0	839493	2	22.12
Course 3357: Monitoring and Debugging Applications in the Microsoft .NET Framework 2.0	839506	2	22.12
Course 3358: Reading and Writing Files in the Microsoft .NET Framework 2.0	839510	2	22.12
Course 3359: Serializing Data in the Microsoft .NET Framework 2.0	839525	2	22.12
Course 3360: Creating Globalized Applications in the Microsoft .NET Framework 2.0	839530	2	22.12
Course 3361: Working with GDI+ in Windows-based Applications in the Microsoft .NET Framework 2.0	839544	2	22.12
Course 3362: Implementing Code Access Security in the Microsoft .NET Framework 2.0	839559	2	22.12
Course 3363: Implementing Cryptography in the Microsoft .NET Framework 2.0	839563	2	22.12
Course 3364: Interoperating Between COM Components and Assemblies in the Microsoft .NET Framework 2.0	839578	2	22.12
Course 3365: Working with Service Applications and E-mailmessages in the Microsoft .NET Framework 2.0	839582	2	22.12
Course 3366: Working with Type Metadata in the Microsoft .NET Framework 2.0	839597	2	22.12
Course 3367: Creating Multithreaded Applications and Application Domains in the Microsoft .NET Framework 2.0	839601	2	22.12
Course 3368: Implementing Delegates and Events in the Microsoft .NET Framework 2.0	839614	2	22.12
<b>.NET FRAMEWORK 3.5</b>			
Clinic 6262: Introducing Windows Workflow Foundation using .NET Framework 3.5 & Visual Studio 2008	875790	2	FREE
Clinic 6263: Introducing Windows Presentation Foundation using .NET Framework 3.5 & Visual Studio 2008	875803	2	FREE
Clinic 6264: Introducing Windows Communication Foundation using .NET Framework 3.5 & Visual Studio 2008	875818	2	FREE
Collection 6261: Developing Rich Experiences using Microsoft .NET Framework 3.5 & Visual Studio 2008	875841	6	FREE

All courses have been developed by Microsoft and follow the official certification curriculum.

Full Title	Ref	Length (Hours)	RRP £ ex VAT
<b>ADO.NET 3.5</b>			
Collection 6464: Visual Studio 2008 ADO.NET 3.5	886314	20	170.20
Course 6680: Accessing Databases by Using Microsoft ADO.NET 3.5 Applications	886329	2	22.12
Course 6681: Working with Data by Using Microsoft ADO.NET 3.5 Applications	886333	2	22.12
Course 6682: Retrieving Data by Using Datasets in Microsoft ADO.NET 3.5 Applications	886348	2	22.12
Course 6683: Updating Data in Microsoft ADO.NET 3.5 Applications	886352	2	22.12
Course 6684: Working with XML Data in Microsoft ADO.NET 3.5 Applications	886367	2	22.12
Course 6685: Synchronizing Data in Microsoft ADO.NET Applications	886371	2	22.12
Course 6686: Getting Started with Language Integrated Query in Microsoft Visual Studio 2008 >>> <b>HOT TOPIC</b>	886386	2	22.12
Course 6687: Implementing Data Access Using Language Integrated Query to SQL	886390	2	22.12
Course 6688: Implementing the Entity Framework in Microsoft ADO.NET 3.5 Applications	886403	2	22.12
Course 6689: Implementing Applications by Using Data Services in Microsoft ADO.NET 3.5 Applications	886418	2	22.12
<b>ASP.NET 2.0</b>			
Clinic 3402: ASP.NET for PHP Developers: Introduction to ASP.NET	849989	2	FREE
Clinic 5230: Developing Enhanced Web Experiences with Microsoft ASP.NET AJAX Extensions	839686	2	FREE
Collection 3201: Developing microsoft ASP.NET 2.0 Web Applications	839690	27	161.69
Course 2913: Creating Your First Microsoft ASP.NET 2.0 Web Application	839703	3	22.12
Course 2914: Writing Master Pages and Content Pages in Microsoft ASP.NET 2.0	839718	3	22.12
Course 2915: Working with ADO.NET 2.0 Within Microsoft ASP.NET 2.0	839722	3	22.12
Course 2916: Working with Microsoft ASP.NET 2.0 Wizards and Site Navigation	839737	3	22.12
Course 2917: Working with State Management in Microsoft ASP.NET 2.0	839741	3	22.12
Course 2918: Working with Web Parts in Microsoft ASP.NET 2.0	839756	3	22.12
Course 2919: Working with User Profiles and Themes in Microsoft ASP.NET 2.0	839760	3	22.12
Course 2920: Improving Security in a Microsoft ASP.NET 2.0 Web Application	839775	3	22.12
Course 2921: Working with Microsoft ASP.NET 2.0 Configuration and Instrumentation	839780	3	22.12
Course 2927: Building Web Applications with ASP.NET 2.0	839794	3	22.12
Workshop 3403: ASP.NET for PHP Developers: Using Visual Studio Web Developer	851423	2	22.12
<b>ASP.NET 3.5</b> <b>HOT TOPIC</b>			
Collection 6463: Visual Studio 2008 ASP.NET 3.5	888324	20	170.20
Course 6670: Creating Microsoft ASP.NET 3.5 Applications	888339	2	22.12
Course 6671: Managing Data and Services in ASP.NET 3.5 Applications	888343	2	22.12
Course 6672: Working with Data Binding in Microsoft ASP.NET 3.5 Applications	888358	2	22.12
Course 6673: Implementing Security in Microsoft ASP.NET 3.5 Applications	888362	2	22.12
Course 6674: Working with Microsoft ASP.NET AJAX	888377	2	22.12
Course 6675: Managing State and Caching in Microsoft ASP.NET 3.5 Applications	888381	2	22.12
Course 6676: Creating Controls for Web Applications in Microsoft Visual Studio 2008	888396	2	22.12
Course 6677: Implementing Personalization, Common Layout, and Themes in Microsoft ASP.NET 3.5 Applications	888409	2	22.12
Course 6678: Configuring and Deploying Microsoft ASP.NET 3.5 Applications	888413	2	22.12
Course 6679: Implementing Separation of Concern Using Model-View-Controller in Microsoft ASP.NET 3.5 Applications	888428	2	22.12

Need other languages?

Full Title	Ref	Length (Hours)	RRP £ ex VAT
<b>BIZTALK SERVER</b>			
Clinic 2954: First Look: Microsoft BizTalk Server 2006 for Developers	839807	3	FREE
Course 2434: Introduction to Development with Microsoft BizTalk Server 2004	839830	6	76.59
Course 2435: Managing Business Processes with Microsoft BizTalk Server 2004	839845	6	76.59
Course 2436: Using Microsoft BizTalk Server 2004 Tools and Web Services	839850	6	76.59
<b>OFFICE 2007</b>			
Collection 3395: Developing Microsoft Office Client Applications by Using Microsoft Visual Studio 2005 Tools for the 2007 Microsoft Office System Second Edition	868725	2	102.12
Course 3396: Introduction to VSTO 2005 SE	868730	2	22.12
Course 3397: Working with Data in VSTO 2005 SE Solutions	868744	2	22.12
Course 3398 : Developing Document-Level Solutions by Using VSTO 2005 SE	868759	2	22.12
Course 3399: Developing Application-Level Add-Ins by Using VSTO 2005 SE	868763	2	22.12
Course 3400: Working with XML Data in Microsoft Office Applications	868778	2	22.12
Course 3401: Deploying VSTO 2005 SE Solutions	868782	2	22.12
<b>SECURITY</b>			
Clinic 2806: Microsoft Security Guidance Training for Developers	840912	6	FREE
Clinic 2807: Microsoft Security Guidance Training for Developers II	840927	6	FREE
<b>SHAREPOINT SERVER 2007</b> <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; color: red; font-weight: bold;">HOT TOPIC</span>			
Clinic 5046: Inside Look at Building and Developing Solutions with Microsoft Office SharePoint Server 2007	840965	2	FREE
Collection 6071: Developing Solutions with Microsoft Office SharePoint Server 2007 and Visual Studio 2005	868566	12	102.12
Course 6072: Managing Enterprise Content by using Microsoft Office SharePoint Server 2007	868570	2	22.12
Course 6073: Creating Business Intelligence Solutions by using Office SharePoint Server 2007	868585	2	22.12
Course 6074: Integrating Business Data by using Microsoft Office SharePoint Server 2007	868590	2	22.12
Course 6075: Accessing Application Platform Services by Using Office SharePoint Server 2007	868602	2	22.12
Course 6076: Searching Data by Using Microsoft Office SharePoint Server 2007	868617	2	22.12
Course 6077: Personalizing a Portal by Using Microsoft Office SharePoint Server 2007	868621	2	22.12
<b>SHAREPOINT SERVICES 3.0</b> <span style="border: 1px solid red; border-radius: 10px; padding: 2px 5px; color: red; font-weight: bold;">HOT TOPIC</span>			
Clinic 5045: Inside Look at Developing with Microsoft Windows SharePoint Services 3.0	841099	2	FREE
Collection 5385: Developing Solutions with Microsoft Windows SharePoint Services 3.0 and Visual Studio 2005	841116	12	102.12
Collection 5392: Developing and Extending Microsoft Windows SharePoint Services 3.0 with Visual Studio 2005	841120	12	102.12
Course 5386: Working with Server and Site Objects in Microsoft Windows SharePoint Services 3.0	841239	2	22.12
Course 5387: Programmatically Securing Microsoft Windows SharePoint Services 3.0	841243	2	22.12
Course 5388: Programming Lists and List Events in Microsoft Windows SharePoint Services 3.0	841258	2	22.12
Course 5389: Managing Documents and Libraries in Microsoft Windows SharePoint Services 3.0	841262	2	22.12
Course 5390: Working with List Metadata and Content Types in Microsoft Windows SharePoint Services 3.0	841277	2	22.12
Course 5391: Customizing Navigation and Layout in Microsoft Windows SharePoint Services 3.0	841281	2	22.12
Course 5393: Creating Custom Web Parts in Microsoft Windows SharePoint Services 3.0	841296	2	22.12

Many courses are also available in French, German, Spanish and Italian.



Full Title	Ref	Length (Hours)	RRP £ ex VAT
Course 5394: Working with Features and Site Definitions in Microsoft Windows SharePoint Services 3.0	841309	2	22.12
Course 5395: Using Events and Event Receivers in Microsoft Windows SharePoint Services 3.0	841313	2	22.12
Course 5396: Implementing Business Processes with Microsoft Windows SharePoint Services 3.0 Workflows	841328	2	22.12
Course 5397: Working with Site Services in Microsoft Windows SharePoint Services 3.0	841332	2	22.12
Course 5398: Deploying Microsoft Windows SharePoint Services 3.0 Solutions	841347	2	22.12

### SQL SERVER 2005

Collection 2781: Designing Microsoft SQL Server 2005 Server-Side Solutions	841417	16	136.16
Collection 2782: Designing Microsoft SQL Server 2005 Databases	841421	12	102.12
Collection 2783: Designing the Data Tier for Microsoft SQL Server 2005	841436	6	102.12
Collection 2784: Tuning and Optimizing Queries Using Microsoft SQL Server 2005	841440	12	102.12
Course 2925: Building Managed Code for SQL Server 2005	841510	3	22.12
Course 3175: Selecting Microsoft SQL Server 2005 Services to Support Business Needs	841690	2	22.12
Course 3176: Designing a Security Strategy for a Microsoft SQL Server 2005 Database Solution	841703	2	22.12
Course 3177: Designing a Data Model Strategy for a Microsoft SQL Server 2005 Solution	841718	2	22.12
Course 3178: Designing a Transaction Strategy for a Microsoft SQL Server 2005 Solution	841722	2	22.12
Course 3179: Designing a Notification Services Solution Using SQL Server 2005 Notification Services	841737	2	22.12
Course 3180: Designing Asynchronous, Queued Operations Using SQL Server 2005 Service Broker	841741	2	22.12
Course 3181: Planning for Source Control, Unit Testing, and Deployment Using SQL Server 2005	841756	2	22.12
Course 3182: Applying Advanced Query Techniques in Microsoft SQL Server 2005	841760	2	22.12
Course 3300: Approaching Database Design Systematically Using Microsoft SQL Server 2005	841775	2	22.12
Course 3301: Modeling a Database at the Logical Level with Microsoft SQL Server 2005	841780	2	22.12
Course 3302: Modeling a Database at the Physical Level with Microsoft SQL Server 2005	841794	2	22.12
Course 3303: Designing for Database Performance with Microsoft SQL Server 2005	841807	2	22.12
Course 3304: Designing a Database Access Strategy with Microsoft SQL Server 2005	841811	2	22.12
Course 3305: Modeling Database Dependencies with Microsoft SQL Server 2005	841826	2	22.12
Course 4350: Choosing Data Access Technologies and an Object Model for Microsoft SQL Server 2005	842072	1	22.12
Course 4351: Designing an Exception Handling Strategy for Microsoft SQL Server 2005	842087	1	22.12
Course 4352: Choosing a Cursor Strategy for Microsoft SQL Server 2005	842091	1	22.12
Course 4353: Designing Query Strategies Using Multiple Active Result Sets in Microsoft SQL Server 2005	842104	1	22.12
Course 4354: Designing Caching Strategies for Microsoft SQL Server 2005 Database Applications	842119	1	22.12
Course 4355: Designing a Scalable Data Tier for Microsoft SQL Server 2005 Database Applications	842123	1	22.12
Workshop 4370: Measuring Database Performance Using Microsoft SQL Server 2005	842270	2	22.12
Workshop 4371: Optimizing Physical Database Design Using Microsoft SQL Server 2005	842284	2	22.12
Workshop 4372: Optimizing Queries for Performance Using Microsoft SQL Server 2005	842299	2	22.12
Workshop 4373: Refactoring Cursors into Queries Using Microsoft SQL Server 2005	842301	2	22.12
Workshop 4374: Optimizing an Indexing Strategy Using Microsoft SQL Server 2005	842316	2	22.12
Workshop 4375: Managing Concurrency Using Microsoft SQL Server 2005	842320	2	22.12

### VISUAL STUDIO .NET

Course 2310: Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET	842388	17	170.20
Course 2389: Programming with ADO.NET	842392	18	170.20
Course 2524: Developing XML Web Services using Microsoft ASP.NET	842405	12	170.20
Course 2555: Developing Microsoft .NET Applications for Windows (Visual C# .NET)	842410	14	170.20
Course 2557: Building COM+ Applications Using Microsoft .NET Enterprise Services	842424	22	170.20

Need training on the latest Microsoft technologies?

Full Title	Ref	Length (Hours)	RRP £ ex VAT
Course 2565: Developing Microsoft .NET Applications for Windows (Visual Basic .NET)	842439	13	170.20
Course 2640: Upgrading Web Development Skills from ASP to Microsoft ASP.NET	842443	14	170.20

### VISUAL STUDIO 2005

Clinic 5135: Introduction to Developing with Windows Presentation Foundation and Visual Studio 2005	842458	2	FREE
Clinic 5136: Introduction to Developing with Windows Workflow Foundation and Visual Studio 2005	842462	2	FREE
Clinic 5137: Introduction to Developing with Windows Communication Foundation and Visual Studio 2005	842477	2	FREE
Collection 2364: What's New in Microsoft Visual Studio 2005 for Existing Visual Studio .NET Developers	842481	12	76.59
Collection 2541: Core Data Access Development with Microsoft Visual Studio 2005	842496	16	136.16
Collection 2542: Advanced Data Access Development with Microsoft Visual Studio 2005	842509	12	102.12
Collection 2543: Core Web Client Programming with Microsoft Visual Studio 2005	842513	18	161.69
Collection 2544: Advanced Web Client Programming with Microsoft Visual Studio 2005	842528	10	85.10
Collection 2546: Core Windows Client Development with Microsoft Visual Studio 2005	842532	18	161.69
Collection 2547: Advanced Windows Client Development with Microsoft Visual Studio 2005	842547	12	102.12
Collection 2548: Core Distributed Application Development with Microsoft Visual Studio 2005	842551	18	161.69
Collection 2549: Advanced Distributed Application Development with Microsoft Visual Studio 2005	842566	14	119.14
Collection 2562: Getting Started with Microsoft Visual Studio 2005 for Visual Basic 6.0 Developers	842570	18	102.12
Collection 5134: Developing Rich Experiences with Microsoft .NET Framework 3.0 and Visual Studio 2005	842585	6	FREE
Course 2924: Building Data Components in Microsoft Visual Studio 2005	842590	6	22.12
Course 2926: Building Windows Forms Applications with Microsoft Visual Studio 2005	842602	3	22.12
Course 4335: Upgrading from Microsoft Visual Basic 6.0: Microsoft Visual Studio 2005 Development Environment	846552	3	22.12
Course 4336: Upgrading from Microsoft Visual Basic 6.0: Introduction to the Microsoft .NET Framework	842621	3	22.12
Course 4337: Upgrading from Microsoft Visual Basic 6.0: Microsoft Visual Basic 2005 Language Enhancements	842636	3	22.12
Course 4338: Upgrading from Microsoft Visual Basic 6.0: Introduction to Object-Oriented Programming	842640	3	22.12
Course 4339: Upgrading from Microsoft Visual Basic 6.0: Deploying .NET Framework Applications	842655	3	22.12
Course 4340: Upgrading from Microsoft Visual Basic 6.0: Upgrading Visual Basic 6.0 Applications	842660	3	22.12
Course 5151: Designing and Developing a Microsoft Windows Mobile 5.0 User Interface	842674	2	22.12
Course 5152: Managing Device Data by Using Microsoft SQL Server Mobile	842689	2	22.12
Course 5153: Managing Enterprise Data by Using Microsoft SQL Server 2005 and SQL Server Mobile	842693	2	22.12
Course 5154: Developing Connection Capabilities in Microsoft Windows Mobile 5.0-Based Applications	842706	2	22.12
Course 5155: Implementing Interoperability and Platform Features in Windows Mobile 5.0-Based Applications	842710	2	22.12
Course 5156: Optimizing, Packaging and Deploying Microsoft Windows Mobile 5.0-Based Applications	842725	2	22.12
Workshop 3939: Optimizing and Protecting Message Queuing with Microsoft Visual Studio 2005	842730	2	22.12
Workshop 4227: Minimizing and Handling Database Operation Conflicts with Microsoft Visual Studio 2005	842744	2	22.12
Workshop 4228: Handling Large Objects with Microsoft Visual Studio 2005	842759	2	22.12
Workshop 4229: Enhancing Database Performance with Microsoft Visual Studio 2005	842763	2	22.12
Workshop 4230: Creating Managed Code for Microsoft SQL Server 2005 with Microsoft Visual Studio 2005	842778	2	22.12
Workshop 4231: Querying XML by Using XPath with Microsoft Visual Studio 2005	842782	2	22.12
Workshop 4232: Transforming XML by Using XSLT Style Sheets with Microsoft Visual Studio 2005	842797	2	22.12
Workshop 4233: Implementing WSE 3.0 Security and Policy with Microsoft Visual Studio 2005	842801	2	22.12
Workshop 4234: Implementing WSE 3.0 custom Policy Assertions with Microsoft Visual Studio 2005	842814	2	22.12
Workshop 4235: Handling Large Data Transfer by Using WSE 3.0 with Microsoft Visual Studio 2005	842829	2	22.12
Workshop 4236: Implementing WSE 3.0 SOAP Messaging with Microsoft Visual Studio 2005	842833	2	22.12
Workshop 4237: Implementing SOAP Headers and Extensions with Microsoft Visual Studio 2005	842848	2	22.12
Workshop 4238: Implementing WSE 3.0 Routing with Microsoft Visual Studio 2005	842852	2	22.12
Workshop 4239: Building Dynamic Web Applications with Microsoft Visual Studio 2005	842867	2	22.12

**Coming soon - SQL Server 2008 courses**

Full Title	Ref	Length (Hours)	RRP £ ex VAT
Workshop 4240: Creating Controls for Web Applications with Microsoft Visual Studio 2005	842871	2	22.12
Workshop 4241: Optimizing Web Application Performance with Microsoft Visual Studio 2005	842886	2	22.12
Workshop 4242: Implementing Personalization and Themes in Web Applications with Microsoft Visual Studio 2005	842890	2	22.12
Workshop 4243: Building Web Parts and Web Part Pages with Microsoft Visual Studio 2005	842903	2	22.12
Workshop 4245: Building MDI Applications with Microsoft Visual Studio 2005	842918	2	22.12
Workshop 4246: Customizing Windows Forms and Controls with Microsoft Visual Studio 2005	842922	2	22.12
Workshop 4247: Creating Customized Print Components with Microsoft Visual Studio 2005	842937	2	22.12
Workshop 4248: Performing Drag and Drop and Clipboard Operations with Microsoft Visual Studio 2005	842941	2	22.12
Workshop 4249: Performing Asynchronous Tasks by Using Multithreading with Microsoft Visual Studio 2005	842956	2	22.12
Workshop 4250: Enhancing the Presentation of Windows Forms Applications with Microsoft Visual Studio 2005	842960	2	22.12
Workshop 4251: Connecting to Databases and Reading Data with Microsoft Visual Studio 2005	842975	2	22.12
Workshop 4252: Using Commands to Query and Update Databases with Microsoft Visual Studio 2005	842980	2	22.12
Workshop 4253: Performing Transactional Operations with Microsoft Visual Studio 2005	842994	2	22.12
Workshop 4254: Performing Disconnected Operations Programmatically with Microsoft Visual Studio 2005	843003	2	22.12
Workshop 4255: Performing Disconnected Operations by Using Microsoft Visual Studio 2005 Wizards	843018	2	22.12
Workshop 4256: Performing XML Operations on Disconnected Data with Microsoft Visual Studio 2005	843022	2	22.12
Workshop 4258: Reading and Writing XML data with Microsoft Visual Studio 2005	843037	2	22.12
Workshop 4259: Processing XML Data by Using DOM with Microsoft Visual Studio 2005	843041	2	22.12
Workshop 4260: Building and Consuming a Simple XML Web Service with Microsoft Visual Studio 2005	843056	2	22.12
Workshop 4261: Configuring and Customizing a Web Service with Microsoft Visual Studio 2005	843060	2	22.12
Workshop 4262: Calling Web Methods Asynchronously with Microsoft Visual Studio 2005	843075	2	22.12
Workshop 4263: Building a Remoting Client and Server with Microsoft Visual Studio 2005	843081	2	22.12
Workshop 4264: Creating and Serializing Remotable Types with Microsoft Visual Studio 2005	843094	2	22.12
Workshop 4265: Performing Remoting Operations Asynchronously with Microsoft Visual Studio 2005	843107	2	22.12
Workshop 4266: Managing the Lifetime of Remote Objects with Microsoft Visual Studio 2005	843111	2	22.12
Workshop 4267: Sending and Receiving Messages by Using Message Queuing with Microsoft Visual Studio 2005	843126	2	22.12
Workshop 4268: Creating and Consuming Serviced Components with Microsoft Visual Studio 2005	843130	2	22.12
Workshop 4278: Creating a Web Application with Microsoft Visual Studio 2005	843145	2	22.12
Workshop 4279: Programming a Web Application with Microsoft Visual Studio 2005	843150	2	22.12
Workshop 4280: Adding and Configuring Server Controls with Microsoft Visual Studio 2005	843164	2	22.12
Workshop 4281: Creating a Common Layout by Using Master Pages with Microsoft Visual Studio 2005	843179	2	22.12
Workshop 4282: Managing State for a Web Application with Microsoft Visual Studio 2005	843183	2	22.12
Workshop 4283: Accessing and Displaying Data with Microsoft Visual Studio 2005	843198	2	22.12
Workshop 4284: Controlling Access to a Web Application with Microsoft Visual Studio 2005	843200	2	22.12
Workshop 4285: Deploying a Web Application with Microsoft Visual Studio 2005	843215	2	22.12
Workshop 4286: Making Web Applications Available to Mobile Devices with Microsoft Visual Studio 2005	843220	2	22.12
Workshop 4287: Creating a Simple Windows Forms Application with Microsoft Visual Studio 2005	843234	2	22.12
Workshop 4288: Configuring controls in Windows forms with Microsoft Visual Studio 2005	843249	2	22.12
Workshop 4289: Building Windows Forms Menus with Microsoft Visual Studio 2005	843253	2	22.12
Workshop 4290: Data Binding by Using Windows Forms controls with Microsoft Visual Studio 2005	843268	2	22.12
Workshop 4291: Implementing User Assistance and Usability in Windows Forms with Microsoft Visual Studio 2005	846410	2	22.12
Workshop 4292: Using Dialog Boxes and Forms Inheritance with Microsoft Visual Studio 2005	843272	2	22.12
Workshop 4293: Adding Print and Report Functionality in Windows Forms with Microsoft Visual Studio 2005	843287	2	22.12
Workshop 4294: Using the BackgroundWorker Component in Windows Forms with Microsoft Visual Studio 2005	843291	2	22.12
Workshop 4295: Deploying Windows Forms Applications by Using ClickOnce with Microsoft Visual Studio 2005	843304	2	22.12

### VISUAL STUDIO 2008

See .NET Framework 3.5, ADO.NET 3.5, ASP.NET 3.5, Windows Communication Foundation, Windows Presentation Foundation and Windows Workflow Foundation

Full Title	Ref	Length (Hours)	RRP £ ex VAT
<b>WINDOWS COMMUNICATION FOUNDATION</b> <span style="float: right;"><b>HOT TOPIC</b></span>			
Collection 6461: Visual Studio 2008: Windows Communication Foundation	888983	20	170.20
Course 6654: Introduction to Windows Communication Foundation	889149	2	22.12
Course 6655: Configuring and Hosting Windows Communication Foundation Services	889153	2	22.12
Course 6656: Managing Endpoints and Behaviors by Using Windows Communication Foundation	889168	2	22.12
Course 6657: Debugging and Diagnostics in Windows Communication Foundation Services	889172	2	22.12
Course 6658: Designing and Defining Contracts for Windows Communication Foundation Services	889187	2	22.12
Course 6659: Handling Errors by Using Windows Communication Foundation	889191	2	22.12
Course 6660: Managing Windows Communication Foundation Service Instances and Concurrency	889204	2	22.12
Course 6661: Improving the Performance of Windows Communication Foundation Services	889219	2	22.12
Course 6662: Implementing Security for Windows Communication Foundation Services	889223	2	22.12
Course 6663: Implementing Transactions in Windows Communication Foundation	889238	2	22.12

<b>WINDOWS MOBILE®</b>			
Collection 5150: Developing Microsoft Windows Mobile 5.0 Applications Using Microsoft Visual Studio 2005	843338	12	102.12

<b>WINDOWS PRESENTATION FOUNDATION</b> <span style="float: right;"><b>HOT TOPIC</b></span>			
Collection 6460: Visual Studio 2008: Windows Presentation Foundation	888979	20	170.20
Course 6644: Creating an Application by Using Windows Presentation Foundation	889045	2	22.12
Course 6645: Building User Interfaces by Using Windows Presentation Foundation	889051	2	22.12
Course 6646: Customizing Appearance by Using Windows Presentation Foundation	889064	2	22.12
Course 6647: Binding Data to Controls by Using Windows Presentation Foundation	889079	2	22.12
Course 6648: Binding Data to Collections by Using Windows Presentation Foundation	889083	2	22.12
Course 6649: Building Advanced User Interfaces by Using Windows Presentation Foundation	889098	2	22.12
Course 6650: Managing Documents by Using Windows Presentation Foundation	889100	2	22.12
Course 6651: Adding 2-D Graphics by Using Windows Presentation Foundation	889115	2	22.12
Course 6652: Adding 3-D Graphics and Multimedia by Using Windows Presentation Foundation	889120	2	22.12
Course 6653: Configuring and Deploying Windows Presentation Foundation Applications	889134	2	22.12

<b>WINDOWS WORKFLOW FOUNDATION</b> <span style="float: right;"><b>HOT TOPIC</b></span>			
Collection 6462: Visual Studio 2008: Windows Workflow Foundation	886437	12	102.12
Course 6664: Creating and Hosting Workflows by Using Windows Workflow Foundation	886441	2	22.12
Course 6665: Applying Conditions and Rules to Workflows by Using Windows Workflow Foundation	886456	2	22.12
Course 6666: Communicating with Workflows by Using Windows Workflow Foundation	888288	2	22.12
Course 6667: Creating and Configuring Custom Activities by Using Windows Workflow Foundation	888292	2	22.12
Course 6668: Creating and Managing Runtime Services by Using Windows Workflow Foundation	888305	2	22.12
Course 6669: Managing Faults, Cancellations, Transactions, and Compensations	888310	2	22.12

**Also available:**

**HOME AND OFFICE COURSES**

Over 150 courses covering the following:

Access, Excel, Frontpage, Office, Office Groove 2007, Office Small Business Accounting 2006, OneNote, Outlook, PowerPoint, Project, SharePoint Designer 2007, SharePoint Server 2007, SharePoint Services 3.0, Visio, Windows, Word

**IT PROFESSIONAL COURSES**

Over 450 courses covering the following:

Exchange Server, ISA Server 2004, Office, Office Groove 2007, Security, SharePoint Server 2007, SharePoint Services, Small Business Server 2003, SQL Server 2005/2008, Windows Mobile, Windows Server 2003/2008, Windows 7/Vista/XP



Ask to see our IT professional and desktop catalogues



Official provider of Microsoft Online Learning courses  
throughout Europe, the Middle East and Africa.

## Get in touch with C.B.Learning

### General Enquiries and Sales

#### United Kingdom & Ireland:

Tel: +44 (0) 121 702 2828

Fax: +44 (0) 121 606 0478

Email: [info@cblearning.com](mailto:info@cblearning.com)

Web: [www.cblearning.com](http://www.cblearning.com)

#### International:

Tel: +44 (0) 121 702 2828

Fax: +44 (0) 121 606 0469

Email: [international@cblearning.com](mailto:international@cblearning.com)

### Technical Support

#### United Kingdom & Ireland:

Tel: 00800 2667 2665  
(Mon-Fri 9am to 5pm)

#### International:

Tel: +44 (0) 121 702 2828

Email: [technical@cblearning.com](mailto:technical@cblearning.com)

#### **C.B.Learning**

205 Formans Road  
Sparkhill  
Birmingham  
B11 3AX  
United Kingdom