

Course Format: Online

Approximate Study Time: 1340 Hours

You can spread the payments for this course over 4 monthly payments  
1 initial payment of £100, followed by 3 monthly payments of £50

The **Microsoft Series** is a wide range of online Microsoft Courses designed to prepare you for Microsoft Core and Elective Exams.

This series includes individual MCP courses required to get MCSA, MCSD, MCAD, MCTS and MCDBA or MCSE accreditation.

When you sign up for the Microsoft Series you receive access to all of the courses listed below for only £250.00 for a one year Period.

If you only want to study 1 course on the list then you can buy any individual course for only £60.00.



Most of courses can lead to a Microsoft industry recognised examination. Any courses which correspond to an examination will also have the appropriate exam number listed, e.g. Windows XP Professional MCSE Course (70-270).

### Online Course Features:

- Flash-based instructional demonstrations applying course concepts.
- Instructional audio with graphics highlighting key points.
- Exercises allow learners to practice in the actual application being studied.
- Supplied sample files include sample documents, application files, programs, and programming code that enable learners to practice with these files, enhancing the learning experience.
- A Course Topics list contains active hyperlinks, permitting quick access to specific topics.
- Find-A-Word allows learners to look up an unfamiliar term in the Glossary, on the Web, or in a dictionary. In addition, it lets them find other occurrences of the term in the same course.
- Search text enables learners to rapidly search all text within a course to easily retrieve information required.
- Courses challenge the learner with a variety of question formats, including multi-step simulations, true/false, multiple choice, and fill-in-the-blank.
- Bookmarking tracks the learner's progress in a course.

### How do the courses work?

Shortly after you have signed up for the Series, we will email you with your start up information, a receipt and your username and password.

All you then need to do is then go to the Course Log-In page and enter your information and you will get instant access to this wide range of exciting, engaging and successful e-learning courses. You then have one year to access the course materials online, so when you want to study, just Log in and off you go...

You can get a **Free Trial** of selected End User and Technical series lessons. Visit our [www.distance-learning-centre.co.uk](http://www.distance-learning-centre.co.uk) Website for further information.

### System Requirements:

All you need to complete these courses is an Internet Ready PC and Microsoft Internet Explorer. You are required to install Macromedia Authorware Player on accessing the course.

**PLEASE NOTE: We do not supply any software with the course, so you will require your own versions of any software covered in the course materials.**

When you sign up for this series, you will get access to the following online courses and practices exams for a one-year period:

➤ **WINDOWS XP SYSTEM SUPPORT MCDST (70-271) COURSE**

This course prepares learners to take the MCDST 70-271 certification exam. It addresses a variety of operating system issues, such as installation, hardware conflicts, user management, performance monitoring, and networking.

**The course covers the following Lessons:** Installing Windows XP; Configuring & Troubleshooting Resources; Managing Disks; Managing Hardware Devices; Configuring the Desktop & User Profiles; Performance Monitoring & Network Troubleshooting; and Practice Exam.

➤ **WINDOWS XP APPLICATION SUPPORT MCDST (70-272) COURSE**

This course explains how to support users and troubleshoot desktop applications on a Windows XP operating system. Courses in this series cover configuring and troubleshooting both applications and connectivity, as well as resolving usability issues and configuring application security.

**The course covers the following Lessons:** The Operating System & Internet Explorer; Office & Outlook Applications; Hardware & Network Connectivity; Application Security & Security Incidents; and Practice Exams.

➤ **EXCHANGE 2000 ADMINISTRATION MCSE (70-224) COURSE**

This course is designed to aid users in their preparation for the MCSE 70-224 examination. It covers topics relevant to the administration of Microsoft Exchange 2000. It examines how to install and integrate Exchange 2000, create and manage recipient objects, groups, and connectors, and how to display instant messaging and administer chat services. Other topics discussed include Exchange 2000 protocols, virtual servers, connectivity issues, and creating and administering public folders. Security and performance issues are discussed in-depth, including certificates, keys, performance and other monitors, diagnostics logging, and data backup strategies.

**The course covers the following Lessons:** Installation and Coexistence; Creating and Managing Recipient Objects; Creating and Managing Groups and Connectors; Deploying Instant Messaging; Administering the Chat Service; Working with Clients; Using Public Folders; Security and Performance; and Backing Up Data.

➤ **IIS 6 COURSE**

This course will provide you with the basic knowledge needed to administer IIS 6.

**The course covers the following Lessons:** Architecture and Features; Installation; Administration; Remote Administration; Creating and Configuring Web Sites; Creating and Configuring Applications and FTP Sites; Security; Working from the Command Line; Performance Tuning and Monitoring; Maintenance and Troubleshooting; Working with the Metabase; SMTP and NNTP; and Publishing

➤ **MICROSOFT .NET APP DEVELOPMENT MCTS (70-536) PRACTICE EXAMS**

This Series presents questions that will help Visual Basic and C# developers prepare for the Microsoft .NET 2.0 App Development MCTS 70-536 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Visual Basic Practice Exam 1; Visual Basic Practice Exam 2; Visual Basic Practice Exam 3; C# Practice Exam 1; C# Practice Exam 2; and C# Practice Exam 3.

➤ **MICROSOFT .NET WEB DEVELOPMENT MCTS (70-528) PRACTICE EXAMS**

This series presents questions that will help Visual Basic and C# developers prepare for the Microsoft .NET 2.0 Web Development MCTS 70-528 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Visual Basic Practice Exam 1; Visual Basic Practice Exam 2; Visual Basic Practice Exam 3; C# Practice Exam 1; C# Practice Exam 2; and C# Practice Exam 3.

## ➤ **MICROSOFT .NET WEB DEVELOPMENT MCTS (70-529) PRACTICE EXAMS**

The Microsoft .NET Framework 2.0 - Distributed Application Development test is the second required exam to become a Microsoft Certified Technology Specialist (MCTS) in .NET Framework 2.0 Distributed Applications. Practice exams in this series provide extensive practice for the Microsoft .NET 2.0 Distributed Apps MCTS 70-529 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Visual Basic Practice Exam 1; Visual Basic Practice Exam 2; Visual Basic Practice Exam 3; C# Practice Exam 1; C# Practice Exam 2; and C# Practice Exam 3.

## ➤ **MICROSOFT .NET APPLICATIONS MCSD/MCAD/MCDBA (70-316) COURSE**

This course provides the learner with an overview of the .NET framework with Visual C# .NET and Visual Studio .NET. It also covers how to use the framework to build applications with forms, components, assemblies, and Web Services. In addition to covering these foundational elements, the series of courses also includes information on data access, manipulation, and binding, along with user assistance and accessibility to complete a .NET application. The final steps of the development process, testing and deployment, are covered, including tracing, debugging code, Setup project, installation of components, and security measures.

**The course covers the following Lessons:** Windows Forms; Components, Assemblies & Services; Data Binding & Data Manipulation; User Assistance & Accessibility; Testing, Deploying, Configuration & Support; and Practice Exams.

## ➤ **MICROSOFT .NET ARCHITECTURES MCP/MCSD (70-300) COURSE**

This course helps a learner prepare for the MCP/MCSD 70-300 exam by covering how to break down a case study to expose pertinent facts, create meaningful requirements and specifications for a solution, and develop a .NET solution architecture that is secure and stable. It teaches the development of a solid database model, including normalisation, relationships, and Object Role Modeling (ORM). It also covers the tradeoffs between a Windows application, a Web application, and a Web Service-based application.

**The course covers the following Lessons:** Envisioning the Solution and Analysing Business Requirements; Analysing User, Operational, and Infrastructure Requirements; Developing Specifications and Creating the Conceptual Design; Creating the Logical Design; Creating the Logical Data Model & Physical Design; Deploying the Application and Creating Standards; and Practice Exams.

## ➤ **MICROSOFT EXCHANGE SERVER 2003 MCSA/MCSE (70-284) COURSE**

This course helps a learner prepare for the MCSA/MCSE 70-284 exam by covering installation, configuration, and troubleshooting techniques for Exchange Server 2003.

**The course covers the following Lessons:** Implementing & Troubleshooting; Managing Exchange Recipient Objects; Managing Address Lists & Policies; Managing the Exchange Organisation; Managing Computers & Performance; Security & Troubleshooting; and Practice Exams.

## ➤ **MICROSOFT EXCHANGE SERVER MCTS 70-236 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft Exchange Server 2007 MCTS 70-236 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **MICROSOFT OFFICE PROJECT 2007 MCTS 70-632 PRACTICE EXAMS**

This series will prepare you for the MCTS: Microsoft Office Project 2007, Managing Projects exam. This exam is the only requirement to apply for the Technology Specialist: Managing Projects with Microsoft Office Project 2007 certification and will give you credit toward a Microsoft Certified IT Professional: Enterprise Project Management with Microsoft Office Project Server 2007 certification. Practice exams in this series allow you to answer questions in the same format that the test will use on exam day, and provide in-depth instructional feedback on each question to thoroughly cover every subject you'll need to master.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; Practice Exam 3; and Practice Exam 4.

## ➤ **MICROSOFT SHAREPOINT 2007 MCTS 70-542 PRACTICE EXAMS**

This series will prepare you for the MCTS 70-542: Microsoft Office SharePoint Server 2007 – Application Development exam. This exam is the only requirement to apply for the Technology Specialist: Microsoft Office SharePoint Server 2007, Application Development certification. This study guide will prepare you build SharePoint Server applications, with a focus on managing business intelligence data.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; Practice Exam 3; and Practice Exam 4.

## ➤ **MICROSOFT SHAREPOINT SERVER 2007 MCTS 70-630 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft SharePoint Server 2007 MCTS 70-630 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; Practice Exam 3; and Practice Exam 4.

## ➤ **MICROSOFT SQL SERVER 2005 ADMIN MCITP 70-444 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft SQL Server 2005 Admin MCITP 70-444 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **MICROSOFT SQL SERVER 2005 DATA ACCESS MCITP 70-442 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft SQL Server 2005 Data Access MCITP 70-442 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **MICROSOFT SQL SERVER 2005 DESIGN MCITP 70-443 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft SQL Server 2005 Design MCITP 70-443 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **MICROSOFT SQL SERVER 2005 SOLUTIONS MCITP 70-441 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft SQL Server 2005 Solutions MCITP 70-441 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **MICROSOFT SQL SERVER 2005 UPGRADE MCITP 70-447 PRACTICE EXAMS**

This series provides extensive practice for the Microsoft SQL Server 2005 Upgrade MCITP 70-447 exam. Questions are presented in the same style and cover the same topics as the actual exam. Students will test their knowledge, and then receive comprehensive information about the question topic and the possible answers that were presented.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **MS EXCHANGE SERVER 5.5 COURSE**

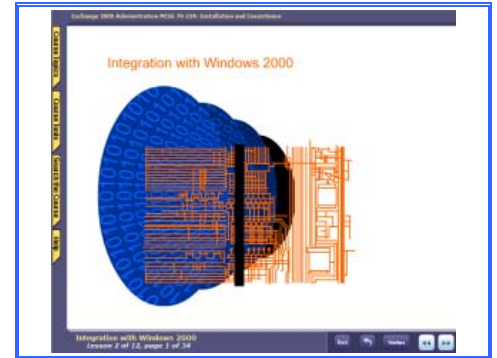
This course is designed to help users prepare for the MCSE 70-081 examination, Implementing and Supporting Microsoft Exchange Server 5.5. It covers planning strategies in detail, including planning for installation, migration, backup, administration, and security. The installation and configuration process is explored in detail. Management of folders, backup and restore, and Exchange Server utilities are discussed, along with performance monitoring, system troubleshooting, and mail connectivity.

**The course covers the following Lessons:** Planning; Strategies; Installing; Configuring; Managing; Monitoring; Troubleshooting; Connectivity; and Site Solutions

## ➤ **PROJECT SERVER 2003 COURSE**

This course presents information on planning, installing and implementing Project Server 2003. Topics include outlining an implementation strategy, installing and configuring Project Server and peripheral software, managing users, groups, and projects, customizing PWA, creating projects, and working with project tasks and documents.

**The course covers the following Lessons:** Preparing to Use Project Server; Installing & Configuring Project Server; Customising Project Server; Customising PWA & PWA Housekeeping; Identifying the Roles of the Project Manager & the Executive; and Using Project Web Access.



## ➤ **SERVER 2003 SECURITY ADMIN MCSA/MCSE (70-299) COURSE**

This course prepares learners for the MCSA/MCSE 70-299 exam. It covers implementing, managing, and troubleshooting Windows Server 2003 security policies, remote access, PKI, IPSec, and wireless networks.

**The course covers the following Lessons:** Implementing, Managing & Troubleshooting Security Policies; Network Communications Security and Patch Management; PKI Administration and IPSec Troubleshooting; Planning and Implementing Security for Remote Users and Wireless Networks; and Practice Exams.

## ➤ **SQL SERVER 2000 ADMIN MCDBA/MCSA/MCSE (70-228) COURSE**

The SQL Server 2000 Admin MCDBA MCSA MCSE 70-228 course is designed to help learners prepare to take and pass Microsoft's exam number 70-228: Installing, Configuring, and Administering Microsoft SQL Server 2000 Enterprise Edition. This course teaches learners how to install SQL Server 2000 and configure advanced options. The course also teaches learners how to manage databases and objects, create a disaster recovery plan, trouble shoot data integrity issues, extract and secure data, automate tasks, and optimise performance.

**The course covers the following Lessons:** Basic Concepts & Installation; Advanced Installation; Creating & Managing Databases; Disaster Recovery & Data Integrity; Extracting & Securing Data; Automation & Performance; and Practice Exams.

## ➤ **SQL SERVER 2000 DATABASE DESIGN MCSE (70-229) COURSE**

This series of courses serves as preparation for Microsoft Exam 70-229: Designing and Implementing Databases with Microsoft SQL Server 2000 Enterprise Edition which is one of several electives for the MCSE certification track, and a core requirement for MCDBA certification. Topics covered include developing a logical data model, implementing the database and objects, retrieving and modifying data using Transact-SQL and XML, using indexes and views, programming business logic (stored procedures, functions, views, triggers), tuning and optimizing data access, and designing a database security plan. This course is tightly focused on exam preparation and review, not on providing general knowledge.

**The course covers the following Lessons:** Data Modeling and Database Creation; Database Objects; Retrieving and Modifying Data; Indexes and Views; Database Programming; Remote Data Access and XML; Optimisation and Security; Exam Preparation 1; and Exam Preparation 2.

## ➤ **SQL SERVER 2005 MCTS (70-431) COURSE**

This course explains how to install, configure, and use SQL Server 2005.

**The course covers the following Lessons:** Installing & Configuring SQL Server 2005; Creating Databases; Working with Tables & Programmability Objects; Implementing Database Objects; Supporting XML Framework; Enhancing Data Consumption & Throughput; Maintaining & Backing Up Databases; Monitoring Performance; Troubleshooting & Optimising; Implementing High Availability; and Practice Exams.

## ➤ **SQL SERVER 6.5 COURSE**

This course provides an overview of Microsoft SQL Server 6.5. The SQL Enterprise Manager and its use for creation and management of database objects are explained in detail. Instructions for installing SQL Server 6.5 and setting up physical and mirror devices is provided, along with instructions on implementing security, user administration, and configuring replication. Database administration is covered in detail, including creating and maintaining databases and database logs, and using OBCC for maintenance. Advanced topics covered include system management, remote and distributed management options, and performance tuning.

**The course covers the following Lessons:** Introduction; Installation and Setup; Users and Replication; Database Administration; System Management; and Tuning for Performance.

## ➤ **SQL SERVER 7 ADMIN COURSE**

This course is designed to help users prepare for the MCSE Exam 70-028: Administering Microsoft SQL Server 7.0. The course covers a comprehensive array of topics, including planning a security strategy, SQL Server 7.0 system requirements, planning for system migration and replication, and server installation. System configuration, management of security, accounts, permissions, and the database, and backup and restores are also covered. Additional topics covered include the management of a variety of tasks, including replication, server jobs, events, alerts, linked servers, and remote servers; monitoring events, system optimisation, and tuning resource usage. Server repair and troubleshooting strategies are also discussed.

**The course covers the following Lessons:** Security Strategy; System Requirements; Migration Planning; Replication Plans; Installing the Server; Other Installations; Configuring; Security Management; Managing Accounts; Managing Permissions; Database Management; Loading Databases; Backups and Restores; Managing Replication; Management Tasks; Monitoring Events; Watching & Optimising; Server Repair; and More Troubleshooting.

## ➤ **TCP/IP COURSE**

This course introduces TCP/IP concepts and is designed to help users prepare for the MCSE Exam 70-59. An overview of using TCP/IP with several different operating systems is provided, including a discussion of the OSI reference model, networking, and TCP/IP models. A detailed explanation of the TCP/IP Application layer and how data is processed is also provided, including discussion of data delivery and routing. The installation, configuration, and management of Microsoft TCP/IP, IIS, and other network services are explored, along with printing services and DHCP. NetBIOS name resolution methods are examined, as well as the DNS Server. Advanced topics covered in this course include managing DNS and TCP/IP, file transfer, interactive and printing utilities, Network Monitor, SNMP, Performance Monitor, RAS hardware, PPTP, and various troubleshooting strategies.

**The course covers the following Lessons:** Introduction to TCP/IP Concepts; Data Delivery and Routing; Microsoft TCP/IP and IIS; Printing Services and DHCP; Name Resolution and WINS; Introduction to DNS Server; Managing DNS and TCP/IP; Utilities for Monitoring TCP/IP; Performance Monitor and RAS; and PPTP and Troubleshooting.

## ➤ **VISUAL BASIC.NET FOR WEB MCSO/MCAD (70-305) COURSE**

This course explains how to develop and implement Web-based applications with Web forms, ASP.NET, and the Microsoft .NET Framework. Specific topics presented are web forms, controls, user interface navigation, data binding and manipulation, error handling, components, assemblies, web services, globalisation, legacy code, as well as deploying and maintaining web applications.

**The course covers the following Lessons:** Web Forms & Controls; User Interface Navigation & Error Handling; Binding, Consuming & Manipulating Data; Components, Assemblies & Web Services; Globalisation & Legacy Code; Testing, Debugging & Deploying Web Applications; Maintaining, Supporting & Configuring Web Applications; and Practice Exams.

## ➤ **VISUAL BASIC.NET FOR XML WEB MCSO/MCAD (70-310) COURSE**

This course explains how to use Visual Basic .NET to create Web-based applications that manipulate XML data. Courses in this series cover accessing and manipulate data, creating distributed applications and services, as well as testing, debugging, and deploying the completed application.

**The course covers the following Lessons:** DataSets & XML Data; .Net Remoting & Web Services; Windows Services & Component Services; Testing, Debugging & Deployment; Security Issues; and Practice Exams.

## ➤ **VISUAL BASIC.NET FOR WINDOWS APPS MCSD/MCAD (70-306) COURSE**

This course, in an effort to help a learner prepare for the MCSD/MCAD 70-306 exam, covers creating forms, handling exceptions, developing .NET components and assemblies, and consuming and manipulating data. It also covers using web services, managing globalisation, working with legacy code, implementing user assistance and accessibility, and working with components and controls. The course also details topics such as application testing, debugging, deployment, maintenance, support, and configuration.

**The course covers the following Lessons:** Windows Forms & Controls; Exceptions, Components & Assemblies; Binding & Manipulating Data; Globalisation & User Services; Testing, Deploying and Maintaining Windows Applications; and Practice Exams.

## ➤ **VISUAL C# WEB APPLICATIONS MCAD (70-315) COURSE**

This course is designed for anyone who's preparing for the MCAD 70-315 exam or who simply wants an introduction to designing Web applications with Visual C# .NET. This course teaches users how to use Visual C# .NET to develop, test, deploy, and configure ASP.NET applications that run on the Internet.

**The course covers the following Lessons:** Introducing Web Forms; Controls and Input Validation; Implementing Navigation for the User Interface; Error Handling, User Assistance and Accessibility; Data Binding; Accessing and Manipulating Data; SQL Server Data and Data Errors; Managing .NET Components and Assemblies; Web Services, Globalisation, and Legacy Code; Testing and Debugging Web Applications; Deploying a Web Application and Using Shared Assemblies; Maintaining, Supporting, and Configuring Web Applications; and Practice Exam.

## ➤ **VISUAL C# XML MCAD (70-320) COURSE**

This course prepares users for the MCAD-320 exam. The course is designed to cover all the objectives that Microsoft has created for this exam. The user will be presented with skills need to develop and implement middle-tier components, server components, and XML Web services by using Visual Studio .NET, Microsoft .NET Framework, and the Visual C# .NET programming language. The course helps the user develop the specific core competencies to design and develop distributed applications.

**The course covers the following Lessons:** Creating and Manipulating DataSets; Accessing and Manipulating SQL Server Data; Accessing and Manipulating XML Data; .NET Remoting Architecture; Applying .NET Remoting; Web Services; Windows Services; Component Services; Enterprise Services and Unmanaged Code; Testing and Debugging; Deployment; Security; and Practice Exam.

## ➤ **VISUAL STUDIO .NET – ADVANCED TOPICS COURSE**

This course shows developers how to create more powerful applications using Microsoft Visual Studio.NET. The course focuses heavily on creating and deploying Web-based applications. Users explore ASP.NET Web server controls in greater detail, and also learn how to implement data binding to pull data into a Web page from external data sources. Users will also learn how Visual Studio.NET facilitates XML development, and how to use Visual Studio to build and configure an XML-based Web application or a Web service client. Additionally, users will learn about what happens after the code is written - debugging, deployment, and security for Web based applications, as well as the process for upgrading existing ASPbased Web sites to ASP.NET

**The course covers the following Lessons:** Using Rich Web Controls and Debugging Applications; Data Binding & Working with Control Templates; Creating Mobile Applications & Using ADO.NET; Working with XML, Configuration, and HTTP Handlers; Caching, Security and Migration; Advanced Topics: Working with Web Services; and Deploying Applications.

## ➤ **VISUAL STUDIO .NET & ASP.NET COURSE**

This course introduces students to the ASP.NET platform, and gets students started using ASP.NET features such as server controls, validation controls and composite controls in their Visual Studio .NET projects.

**The course covers the following Lessons:** Getting Started; Using Server Controls; and Working with Validation and Composite Controls

## ➤ **VISUAL STUDIO .NET OVERVIEW COURSE**

This course gives students a thorough overview of the .NET initiative and prepares them to begin developing applications using Visual Studio .NET.

**The course covers the following Lessons:** Exploring the .NET Initiative; Languages and Application Development; and Getting Started with .NET.

## ➤ **VISUAL STUDIO .NET PROGRAMMING WITH VISUAL C# COURSE**

This course introduces students to the ASP.NET platform, and gets students started using ASP.NET features such as server controls, validation controls and composite controls in their Visual Studio .NET projects.

**The course covers the following Lessons:** Getting Started; Arrays and Classes; and Creating windows Applications.

## ➤ **WINDOWS 2000 ACTIVE DIRECTORY MCSE (70-217) COURSE**

Microsoft's Active Directory is a new approach in administering users, computers, applications, and resources by treating them as objects in a large network environment. Active Directory is responsible for storing, managing, and replicating information about network objects. This course demonstrates how the Active Directory can be implemented, integrated with existing network technology, and used for efficient administration. The goal of this course is to prepare the student for the MCSE 70-217 exam.

**The course covers the following Lessons:** Preparing for Active Directory; Building an Active Directory Structure; Administering Active Directory Services; Managing Servers; Understanding Group Policy; Managing User Environments with Group Policy; Distributing Software with Group Policy; Managing Security with Group Policy; and Using Remote Installation Services.

## **WINDOWS 2000 DIRECTORY DESIGN MCSE (70-219) COURSE**

This course prepares students for the MCSE 70-219 exam. Users review how to plan for the implementation of Windows 2000 and Active Directory, focusing on matching business requirements with Windows 2000 features. Some of the features examined include security, DNS, group policies, and workstation management. Users also learn to design the Active Directory's domains, Organisational Units, sites, and service locations.

**The course covers the following Lessons:** Analysing Business Requirements; Analysing the Technical Environment; Analysing Performance and Access; Analysing Security Considerations; Analysing the Impact of Active Directory; Analysing Client Management Requirements; Directory Naming and DNS Placement; Designing Directory Service Architecture; Designing a Site Topology and Service Locations; Designing an OU Management Structure; Designing a Group Policy Management Structure; Planning for Coexistence with Other Directories; and Schema Modification Policy and Implementation Plan.

## **WINDOWS 2000 NETWORK ADMINISTRATION MCSE (70-216) COURSE**

The goal of this course is to prepare students for the MCSE 70-221 certification exam (Windows 2000 Network Infrastructure Design). Courses in this series are primarily theoretical in nature. Topics include analyzing existing, as well as planning, business and technical requirements; modifying and designing network topologies and protocols; designing DHCP and name resolution services; creating Internet and extranet access solutions; designing a WAN; and creating strategies for monitoring/managing Windows 2000 network services.

**The course covers the following Lessons:** Working with DNS and DHCP; Working with Remote Access; Working with Network Protocols; Working with WINS and NAT; Working with IP Routing; and Working with Certificate Services.

## ➤ **WINDOWS 2000 NETWORK DESIGN MCSE (70-221) COURSE**

This course is designed to help users prepare for the MCSE Exam 70-221 for Windows 2000 certification. Strategies for analyzing business needs such as the company model, geographic scope, organisational structure, company strategies, and IT structure; and technical needs such as the technical environment, infrastructure design, network requirements, and disaster recovery, are covered in depth. Detailed discussion is provided on network design with respect to topologies and protocols, DHCP and name resolution services, and multiprotocol networks. Design techniques for the Internet and WANs are also presented. Also discussed is how to design a strategy for monitoring and managing Windows 2000 network services.

**The course covers the following Lessons:** Analysing Business Needs; Analysing Technical Needs; Infrastructure Design; DHCP and Name Services; Designing for the Internet; Designing a WAN; and Management and Services.

## **WINDOWS 2000 NETWORK MANAGEMENT MCSA (70-218) COURSE**

This course teaches the information that is required to meet the objectives in Microsoft's exam 70-218: Managing a Microsoft Windows 2000 Network Environment. This exam is one of the core tests that are required to gain a Microsoft Certified Systems Administrator (MCSA) certification. Users will learn network administration skills including how to configure and troubleshoot client computers, network printing, Active Directory, file sharing, Internet connection and services, remote access, and network security.

**The course covers the following Lessons:** Installing Devices and Managing Disks; Configuring Volume Features and Replication; Managing Permissions and Resources; Updating Windows and Software; Managing Group Policy; Implementing Auditing and Account Policies; Controlling File and Web Access; Monitoring and Backing Up Systems; Managing TCP/IP and DHCP; Administering Name Resolution and DNS; Managing Remote Access; Configuring VPNs and Terminal Services; and Practice Exams.

## ➤ **WINDOWS 2000 PROFESSIONAL MCSA/MCSE (70-210) COURSE**

This course provides comprehensive discussion of topics related to the Windows 2000 Professional operating system. It is designed to help users prepare for the MCSE Exam 70-210. Topics covered include installation, including remote installations and upgrades, administering resources and shared resources, managing disks and hardware, and monitoring and optimizing your Windows 2000 Professional system. Also covered are desktop configuration, networking, using TCP/IP, managing users and groups, and system security.

**The course covers the following Lessons:** Installation; Remote Installations and Upgrades; Administering Resources; Administering Shared Resources; Managing Disks; Managing Hardware; Monitoring and Optimising Your System; Configuring Your Desktop; Networking with Windows 2000 Professional; Using TCP/IP; Managing Users and Groups; and Securing Your System.

## ➤ **WINDOWS 2000 SECURITY DESIGN MCSA (70-220) COURSE**

This course provides a detailed look at network security, and is intended as preparation for the MCSE 70-220 Exam: Designing Security for a Microsoft Windows 2000 Network. Topics include analyzing business and technical requirements, planning a strategy, and designing and implementing security using the templates, objects, and services provided in Windows 2000. Students taking this course should be advanced Windows administrators, with MCSE certifications 70-210, 70-215, 70-216, and 70-217 or equivalent experience.

**The course covers the following Lessons:** Analysing Business Requirements; Analysing Technical Requirements; Establishing a Security Baseline; Planning Security for System Resources; Designing a Security Group Strategy; Designing Security Policy Inheritance; Protecting Resources with Auditing and Encryption; Using Native Windows 2000 Authentication; Using Alternate Authentication Strategies; Designing a Public Key Infrastructure; Designing Security for Network Services; Designing Security for Access between Networks; and Designing Security for Communications Channels.

## ➤ **WINDOWS 2000 SERVER MCSA (70-215) COURSE**

Windows 2000 Server is the server version of the Windows 2000 family of products. There are many differences between this version of Windows and older versions, including the addition of Active Directory, which drastically changes how the operating system stores and retrieves data. The goal of this course is to prepare student for the MCSE 70-215 exam. Courses in this series show users how to perform installations and upgrades, add and configure hardware, configure network services, recover from disaster, configure disks, and work with security features.

**The course covers the following Lessons:** Installation; Hardware; Controlling Access to Files and Folders; Controlling Access to Web Resources and Printers; Optimising Your Server; Recovering from Disaster; Configuring Disks and Volumes; Administering Disks; Networking Your Server; Implementing Remote Access; Implementing Terminal Services; and Using Security Features.

## ➤ **WINDOWS SERVER 2003 COURSE**

This course shows users how to install and configure Windows Server 2003 software, as well as how to install and configure Active Directory. The course covers how to install and manage print services, how to handle TCP/IP addresses, and how to set up and manage directory services, domains, and trust relationships in a Windows 2003-based environment. It discusses how to manage users and groups, including details on profiles, policies, and groups, and covers how Windows 2003 controls access to NTFS files and directories, and how to manage shares. The course concludes by covering strategies for backing up and restoring a Windows Server 2003 machine and discussing security strategies for Windows Server 2003.

**The course covers the following Lessons:** Installation and Setup; Working with Active Directory; Printing and IP Addressing; Managing Users and Permissions; and Managing Backup and Security.

## ➤ **WINDOWS SERVER 2003 ACTIVE DIRECTORY MCSE (70-294) COURSE**

Microsoft's Active Directory is the foundation of an enterprise-level Windows network, and Windows Server 2003 includes a number of improvements and enhancements to its directory services that will make a network administrator's job easier. This course will teach learners the basics of how directory services work and the role they play in the network, and specifically how the directory services concept is implemented in Microsoft's Active Directory. The goal of this course is to prepare the learner for the MCSE 70-294 exam.

**The course covers the following Lessons:** Active Directory Infrastructure Overview; Working with User, Group & Computer Accounts; Creating User & Group Strategies; Working with Forests & Domains; Restructuring Forests & Renaming Domains; Working with Trusts & Organisational Units; Working with Active Directory Sites; Working with Domain Controllers; Working with Global Catalog Servers & Schema; Working with Group Policy; Deploying Software Via Group Policy; and Ensuring Active Directory Availability.

## ➤ **WINDOWS SERVER 2003 ADMINISTRATION MCSA/MCSE (70-290) COURSE**

The Windows Server 2003 Administration MCSA/MCSE 70-290 course is designed to help learners prepare for Microsoft exam number 70-290: Managing and Maintaining a Windows Server 2003 Environment. This course explains how to license, install, and configure Windows Server 2003. Learners are taught how to manage disks and server hardware, how to configure and control resource access, and how to manage Terminal Services and Web services. In addition, the series of courses covers how to use server management tools and how to monitor performance and security. Finally, learners are taught how to create and implement a disaster recovery plan. Courses in this series introduce learners to graphical tools and command-line utilities for managing users, groups, workstations, and server hardware.

**The course covers the following Lessons:** Overview of Windows Server 2003; Managing Physical and Logical Disks; Configuring, Monitoring, and Troubleshooting Server Hardware; Managing User, Group, and Computer Accounts; Managing Access to Resources; Configuring Terminal Services; Managing and Troubleshooting Terminal Services; Using Server Management Tools; Managing Web Servers in IIS 6.0; Monitoring Performance and Security; Planning Disaster Recovery; and Implementing Disaster Recovery.

## ➤ **WINDOWS SERVER 2003 INFRASTRUCTURE MCSE (70-297) COURSE**

This course is designed to help learners prepare for the qualifying exam for the Microsoft Certified Systems Engineer (MCSE) and the Microsoft Certified Professional (MCP) certifications.

**The course covers the following Lessons:** Assessing the Environment; Developing the Active Directory Infrastructure Design; Developing the Network Services Design; Designing Logical Components; Name Resolution; Remote Access & Address Management; Service Placement & Sizing; The Physical Design; and Practice Exams.

## ➤ **WINDOWS SERVER 2003 NETWORK MANAGEMENT MCSE (70-291) COURSE**

The Windows Server 2003 Network Management MCSA/MCSE 70-291 course is designed to help learners prepare for Microsoft exam number 70-291: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure. This course covers topics such as networking models, IP addressing and routing, classless subnet masking and client address configuration, and Dynamic Host Configuration Protocol (DHCP). In addition, the informative courses detail Windows Internet Name Server (WINS), Domain Naming System (DNS), Routing and Remote Access Service (RRAS), and Virtual Private Networking (VPN) Services. Finally, learners are taught to understand security templates and software updates, monitoring and troubleshooting network activity, and LAN routing.

**The course covers the following Lessons:** TCP/IP Protocol; IP Addressing and Routing; Classless Subnet Masking and Client Address Configuration; The Dynamic Host Configuration Protocol (DHCP); Integrating and Troubleshooting (DHCP); Windows Internet Name Server (WINS); WINS Client and Interoperability and NetBIOS; Domain Naming System Concepts; The DNS Server; and Routing and Remote Access Service VPN Services.

## ➤ **WINDOWS SERVER 2003 NETWORK PLANNING MCSE (70-293) COURSE**

This course is designed to help learners prepare for and pass Microsoft's exam number 70-293: Planning and Maintaining a Windows Server 2003 Network Infrastructure. The course teaches learners how to plan and implement server roles, server security, network infrastructure, routing, remote access, server availability, network security and security infrastructure. The course also teaches learners how to maintain the network infrastructure once it is in place.

**The course covers the following Lessons:** Using Planning Tools & Documentation; Server Roles & Security; TCP/IP Infrastructure; Routing; Internet Connectivity; DNS Name Resolution; NetBIOS Name Resolution; Remote Access; High Availability; Windows Cluster Services & Network Load Balances; Internet Protocol; Security Framework; and Public Key Infrastructure.

## ➤ **WINDOWS SERVER 2003 SECURITY MCSE (70-298) COURSE**

This course explains how to analyze requirements and design a secure Windows Server 2003 network in a medium to large environment. Specific aspects presented are public key infrastructure, Internet Information Services (IIS), IP Security (IPSec), wireless LAN, VPN, Active Directory, Encrypted File System (EFS), and backup and recovery processes.

**The course covers the following Lessons:** Designing a Secure Network Framework; Defining a Baseline Security Template; Designing Role-Based Server Security; Securing a Public Key Infrastructure and Network Management Processes; Designing Network Infrastructure Security; Securing Data Transmissions & Wireless Networks; Securing Internet Information Services; Securing VPNs, Extranets, and Network Clients; Securing Active Directory; Designing an Access Control Strategy for Files and Folders; Designing an Encrypted File System and Securing Backup/Restore Processes; and Practice Exam.

## ➤ **WINDOWS XP PROFESSIONAL MCSE (70-270) COURSE**

This course prepares users for MCSE Exam 70-270: Installing, Configuring, and Administering Microsoft Windows XP Professional. Courses cover such topics as attended and unattended installations, managing resources and hardware, networking and security, desktop configuration, and monitoring and optimizing performance. Students taking this course should have general knowledge of Microsoft Windows networking and administration.

**The course covers the following Lessons:** Installation; Administering Resources; Configuring Hardware; Optimising the System; Configuring the Desktop; Networking the System; and Securing the System.

## ➤ **WINDOWS SHAREPOINT SERVICES 3.0 MCTS 70-541 PRACTICE EXAMS**

This course will prepare you for the MCTS: Microsoft Windows SharePoint Services 3.0 – Application Development exam. This exam is the only requirement to apply for the Technology Specialist: Windows SharePoint Services 3.0, Application Development certification. This study guide will cover deploying SharePoint Services, configuring and maintaining sites, developing .NET components and administrating content and sites with the SharePoint API.

**The course covers the following Lessons:** Practice Exam 1; Practice Exam 2; and Practice Exam 3.

## ➤ **WINDOWS SHAREPOINT SERVICES 3.0 MCTS 70-631 COURSE**

This course will prepare you for the MCTS 70-631: Windows SharePoint Services 3.0, Configuring exam. This exam is the only requirement to apply for the Technology Specialist: Windows SharePoint Services 3.0, Configuration certification. This study guide will prepare you to deploy, configure, secure, and maintain SharePoint Services 3.0.

**The course covers the following Lessons:** Deploying Services; Monitoring Services; Configuring Security; Administering Services; Managing Customisation; and Configuring Network Infrastructure.

## ➤ **WINDOWS VISTA & OFFICE 2007 DESKTOP MCTS 70-624 COURSE**

The Microsoft 70-624 test on installing Windows Vista and Office 2007 is the required exam to receive the Microsoft Certified Technology Specialist (MCTS): Deploying and Maintaining Windows Vista Client and 2007 Microsoft Office System Desktops. This study guide will prepare you to deploy and to migrate users to Windows Vista and Office 2007. Practice exams are also included, which will allow you to answer questions in the same format that the test will use on exam day, and will provide in-depth instructional feedback on each question to thoroughly cover every subject you'll need to master.

**The course covers the following Lessons:** Deploying Microsoft Office 2007; Configuring Windows Vista Automated Installation Settings; Deploying Windows Vista; Using the Business Desktop Deployment Workbench; Working with the Application Compatibility Toolkit; Managing User State Migration; and 3 Practice Exams.

## ➤ **WINDOWS VISTA CONFIGURATION MCTS 70-620 COURSE**

The Microsoft 70-620 test on installing and configuring Vista is the required exam to receive the Microsoft Certified Technology Specialist (MCTS): Windows Vista, Configuration certification.

**The course covers the following Lessons:** Installing and Upgrading; Interface and Device Options; Advanced Networking; NTFS Security Features and File Sharing; User Account Security; Network Security; Internet Explorer 7.0; Maintenance and Optimisation; Media Applications; Productivity Applications; Mobile Computers and 3 Practice Exams.

## ➤ **WINDOWS VISTA ENTERPRISE SUPPORT MCITS 70-622 COURSE**

This course will prepare you for the PRO: Supporting and Troubleshooting Applications on a Microsoft Windows Vista Client for Enterprise Support Technicians exam. This exam is the only requirement to apply for the MCITP: Enterprise Support Technician certification. This study guide (March 2008 release) will prepare you to deploy, secure, and maintain Windows Vista, with a focus on networked systems and supporting Vista systems. Practice exams are also included, which will allow you to answer questions in the same format that the test will use on exam day, and will provide in-depth instructional feedback on each question to thoroughly cover every subject you'll need to master.

**The course covers the following Lessons:** Deploying Windows Vista; Managing Windows Vista Security; Managing and Maintaining Windows Vista Systems; Configuring and Troubleshooting Networking; Supporting and Maintaining Desktop Applications; and 3 Practice Exams.

## **EXAMINATIONS:**

For any of courses which lead to Industry Recognised Qualifications, you must sit the appropriate exams at a registered Prometric testing centre. You can locate testing centres and schedule appointments on their Website:

**Prometric website – [www.2test.com/](http://www.2test.com/)**