

## Microsoft Certified Qualifications : Preparation Course (MCSA & MCSE) - One Academic Year

### Course Description :

This course provides training and exam preparation across 7 units as detailed below in *Course Components*.

To become a Microsoft Certified Systems Administrator (MCSA) for Windows Server 2003, delegates need to pass four separate examinations.

In order to gain the Microsoft Certified Systems Engineer (MCSE) for Windows Server 2003 delegates need to pass an additional three exams.

Exams fall into the four categories: Network, Client, Design and Elective.

### Course Progression :

Successful completion of the MCSE can lead to roles in *Technical Support Engineering, Systems Analysis, Network Analysis* and *Technical Consultation*.

### Teaching Method :

- In-house and Online Education
- One-to-One Tutor Support
- Practical Sessions
- Hands-On Lab

### Course Price, Duration and Attendance Pattern :

- 15 hours / week
- One Academic Year. 40 weeks plus 12 weeks holiday. Holiday periods are flexible and may be selected by the student.
- Students attend for a three hour session each day Monday to Friday.
- Start Dates : There is a course intake every two weeks during normal term time.

**Price : £1990**



## Course Components :

### **MCSA/MCSE (Core Network Modules) – Four Exams Required**

#### **70-290– Managing and Maintaining a Microsoft Windows Server 2003 Environment**

- User, Group and Computer Account Management
- Hardware Management
- Disk Management
- Managing Resources
- System Monitor
- Disaster Recovery

#### **70-291– Implementing, Managing and Maintaining a Microsoft Windows Server 2003 Network Infrastructure**

- TCP/IP Services
- Subnetting
- DHCP Management
- DNS Configuration and Management
- Routing and Remote Access
- Network Monitor Services
- Network Security

#### **70-293– Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure**

- Planning Routing and Remote Access
- Subnetting
- TCP/IP Planning
- Certificate Services
- Planning Network Security
- Network Load Balancing and Clustering

#### **70-294– Planning, Implementing and Maintaining a Microsoft Windows Server 2003 Server Active Directory Infrastructure**

- Active Directory Logical Structure
- Active Directory Management
- Planning and Managing Group Policy
- Software Deployment Using Group Policy
- Site and Replication Schedules



**MCSA/MCSE (Core Client Module) – One Exam Required**

**70-270 – Windows XP Professional**

- Installation and Configuration
- User and Desktop Management
- System Performance and Integrity
- Network Services
- Hardware Management
- Troubleshooting

**MCSA/MCSE (Core Design Modules) – One Exam Required**

**70-297 – Designing a Microsoft windows server 2003 Active directory and network infrastructure**

- Introduction to designing an active directory
- Designing forests, domain infrastructures and sites
- Designing for group policy, administrative structures and physical network
- Designing name resolution strategies and network infrastructure

**70-298 – Designing security for Microsoft windows 2003 server network**

- Introduction to designing security
- Plan network security
- Threats to network security,
- Creating a security design for authentication

**MCSA/MCSE (Elective Modules) – One Exam Required**

**70-227– Installing configuring and administrating Microsoft ISA server**

- Overview of ISA
- Installing and maintaining ISA server
- Secure internet access & configuring caching
- Configuring the firewall, access to internal resources
- Monitoring & reporting

**70-284 – Implementing and managing Exchange server 2003**

- Installing exchange 2003, securing exchange server 2003
- Configuring and managing exchange 2003
- Managing recipients, managing client configuration and connectivity
- Managing routing, managing data storage and hardware resources

**(Please note that other options are also available).**