

## MCP – 70-290 COURSE



The **Microsoft Certified Professional 70-290 (Managing and Maintaining a Windows Server 2003 Environment) Course** helps students explore the Windows Server 2003 Editions and the concepts and practices of networked systems.

Management of hardware, user groups, computer accounts, file access and disk storage are thoroughly explored. Server administration is also covered, including important concepts such as Group Policy, performance monitoring, backups, disaster recovery, and Windows Server 2003 security features.

Our unique distance learning training programme is delivered in Paper based and CD Rom materials and comes with an additional examination card displaying important information about the qualification and exams. The course also has access to Official CertBlaster and MeasureUp exam preparation software.

**PLEASE NOTE:** The MCP 70-290 Course is designed as a theory-based course but does contain all relevant information on how to complete practical exercises if you have the available equipment, software & resources available.

### Benefits of MCP Certification:

- Industry recognition of your knowledge with Microsoft products and technologies;
- Access to technical and product information, through the MCP Secured site;
- Invitations to Microsoft conferences, technical training sessions, and special events.; and
- An MCP logo, certificate, transcript, wallet card, and lapel pin to identify you as an Microsoft Certified Professional (MCP) to colleagues or clients.

### Course Objectives:

- Differentiate between the different editions of Windows Server 2003, describe Windows Server 2003 network models and server roles, identify concepts relating to Windows Server 2003 network management and maintenance, and describe Windows Server 2003 Active Directory concepts.
- Describe device drivers and add new devices, configure hardware resource settings and resolve resource setting conflicts, configure driver signing options, use Roll Back Driver feature, optimize server processor and memory usage, create and configure hardware profiles, configure server power options.
- Describe the purpose of user accounts, describe the user authentication process, configure local, roaming, and mandatory user profiles, configure and modify user accounts using different methods, troubleshoot user account and authentication problems.
- Use group accounts to simplify administration, create group objects using both graphical and command-line tools, manage security groups and describe the purpose of the built-in groups created when Active Directory is installed, create and manage computer accounts.

**Price:**  
£200.00

### Instalment Options:

You can spread the payments for this course over 4 monthly payments. 1 initial payment of £80.00, followed by 3 monthly payments of £40.00.

### Course Format:

Course Books with CD ROMs & Online Practice Exams

### Assessment:

Microsoft's 70-290 Examination

### Approximate Study Time:

100 Hours of Self Study

- Identify and understand the differences between the different file systems supported in Windows Server 2003, create and manage shared folders and configure shared folder permissions, describe and configure NTFS permissions, determine the impact of combining shared folder and NTFS permissions, convert partitions and volumes from FAT to NTFS.
- Describe concepts relating to disk management, manage partitions and volumes, describe the fault tolerant disk strategies, determine disk and volume status information and import foreign disks, maintain disks using a variety of utilities.
- Describe and configure file and folder attributes, describe and configure advanced file and folder attributes, implement and manage disk quotas, describe and implement the Distributed File System.
- Describe Windows Server 2003 printing terms and concepts, install and share printer resources, configure and manage installed printers, publish printers in Active Directory, troubleshoot printers.
- Create and manage Group Policy objects to control user desktop settings, security, scripts, and folder redirection, manage and troubleshoot Group Policy inheritance, deploy and manage software using Group Policy.

**The MCP 70-290 Certification course consists of the following items:**

➤ [MCP 70-290 Certification Course Book](#)

**The following Units are covered in the MCP 70-290 Course Book:**

- **Unit 1 – Windows Server 2003**

The following topics are covered in this Unit: Windows Server 2003 Editions, Windows networking concepts overview, Network management and maintenance and Introduction to Windows Server 2003 Active Directory.

- **Unit 2 – Managing Hardware Devices**

The following topics are covered in this Unit: Managing hardware and device drivers, Hardware resource settings, Configuring device driver signing, Roll Back Driver feature, Configuring processor and memory settings, Hardware profiles and Configuring power options.

- **Unit 3 – Creating and Managing user Accounts**

The following topics are covered in this Unit: Introduction to user accounts, User authentication, User profiles, Managing user accounts and Troubleshooting user account and authentication issues.

- **Unit 4 – Managing Group and Computer Accounts**

The following topics are covered in this Unit: Introduction to group accounts, Creating group objects, Managing security groups and Creating and managing computer accounts.

- **Unit 5 – Managing File Access**

The following topics are covered in this Unit: Windows Server 2003 file systems, Creating and managing shared folders, NTFS permissions, Combining shared folder and NTFS permissions and Converting partitions to NTFS.

- **Unit 6 – Managing Disks and Data Storage**

The following topics are covered in this Unit: Disk management concepts, Managing partitions and volumes, Fault tolerant disk strategies, Monitoring disk health and importing foreign disks and Other disk maintenance and management utilities.

- **Unit 7 – Advanced File System Management**

The following topics are covered in this Unit: File and folder attributes, Advanced attributes, Disk quotas and Distributed File System.

- **Unit 8 – Managing Printers**

The following topics are covered in this Unit: Windows Server 2003 printing concepts, Installing and sharing printer resources, Configuring and managing resources, Publishing printers in Active Directory and Troubleshooting printer problems.

- **Unit 9 – Using Group Policy**

The following topics are covered in this Unit: Introduction to Group Policy, Managing Group Policy inheritance and Deploying software using Group Policy.

- **Unit 10 – Server Administration**

The following topics are covered in this Unit: Network administration procedures, Configuring Terminal Services and Remote Desktop for Administration, Delegating administrative authority and Software Update Services.

- **Unit 11 – Monitoring Server Performance**

The following topics are covered in this Unit: Introduction to server monitoring, Event Viewer, Performance console and Configuring and managing services.

- **Unit 12 – Managing Backups and Disaster Recovery**

The following topics are covered in this Unit: Backing up and restoring data, Shadow Copies of Shared Folders, Automated System Recovery, Advanced Startup Options and The Recovery Console.

- **Unit 13 – Administering Web Resources**

The following topics are covered in this Unit: Installing and configuring Internet Information Services, Creating and configuring Website virtual servers, Configuring authentication for Web sites, Configuring FTP virtual servers, Maintaining IIS server security, Using Remote Administration (HTML) tools, Configuring Internet Printing and Troubleshooting Web client connectivity.

- **Unit 14 – Server 2003 Security Features**

The following topics are covered in this Unit: Securing a Windows 2003 system, Using Security Configuration Manager tools and Auditing access to resources and analyzing security logs.

- **MCP 70-290 Certification Course Card**

Access the most important information you need quickly and easily with this new four-color, tri-fold, six-sided Course Card! Vital information for both basic and advanced skills offers something for students of all levels.

- **MCP 70-290 Skill Builder CBT CD Rom Course**

An interactive CBT CD Rom Based course covering the full MCP 70-290 syllabus is included as an alternative to the paper-based materials.

- **MCP 70-290 Online CertBlaster Software**

The course comes with DTI Publishing's Online CertBlaster exam preparation software absolutely free. CertBlaster covers mock examination questions in multiple choice or multiple answer formats. This software is the perfect addition to help prepare for your exam.

## ➤ MCP 70-290 CD Rom MeasureUp Software

The MeasureUp Practice Tests prepare you to pass the certification exam and the exams of daily life on the job. Practice tests are written by industry experts in the subject matter. They work closely with certification providers to understand the exam objectives, participate in beta testing and take the exam themselves before creating new practice tests. MeasureUp's quality content and innovative technology have earned the prestigious credential of Microsoft Certified Practice Test Provider.

### Pre-Requirements:

It is recommended that you have some experience in implementing and administering large networks. You should be familiar with the use and working of Personal Computers and should ideally be certified to any of the following qualification levels:

- CompTIA A+ and Network+
- MCP Exam 70-270

As this is part of the Windows Server 2003 Syllabus you will require a version of Microsoft Server 2003 running on the Windows XP Professional Operating system.

### Course Duration & Support:

Students may register at any time. The courses are designed as self-study courses but if you have any problems you can email our email support. As the course is self study you can complete in as little or as long a time as you prefer, and we do not impose a cut-off date for study.

### Assessment:

Assessment is from the Microsoft 70-290 Examination. Examinations are in a multiple choice/multiple answer format.

### Qualification:

On Completion of the MCP 70-290 Certification Courses, you can apply for the Microsoft **70-290 Examination**.

Examinations must be sat at a registered Prometric testing centre and are currently £99.00 + VAT each.

You can locate testing centres and schedule appointments on their Website:

**Prometric website** – <http://www.prometric.com/>

