

# Course overview:

## Windows 2000 Support

(70-210 70-215)

(M745eng)



**the courseware  
company**

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### Overview and objectives

This four day course is designed to provide support professionals with the knowledge and skills necessary to install and configure the Microsoft® Windows® 2000 Server and Microsoft Windows 2000 Professional operating systems.

The following topics are covered on this course:

- Installing/upgrading Windows 2000 operating systems
- Configuring the Windows 2000 environment
- Configuring disks and partitions
- Installing and configuring Terminal Services
- Installing and configuring Routing and Remote Access Services
- Troubleshooting and Performance Monitoring

### Who should attend?

This course is intended for support personnel and students preparing for the Microsoft Certified Systems Engineer qualification.

### On course completion...

When taken in conjunction with the course Windows 2000 Administration (M744eng), this course will help to prepare students for the following Microsoft Certified Professional exams:

- 70-210 Installing, Configuring and Administering Microsoft Windows 2000 Professional
- 70-215 Installing, Configuring and Administering Microsoft Windows 2000 Server

### What are the course prerequisites?

Students should have knowledge or experience of administering Windows 2000-based networks, as covered in the course Windows 2000 Administration (M744eng).

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### Windows 2000 Architecture

- The Windows 2000 Family • System Architecture

### Installing Windows 2000

- System Requirements • Choosing a File System • Installation Process • Graphical Portion of Setup • Using the Setup Manager

### Deploying Windows 2000

- The Remote Installation Service • Using RISESETUP • Authorising RIS • Configuring RIS • Pre-Staging Clients • Creating RipRep Images • Answer Files With RIS • Creating a RIS Startup Disk • Using Third Party Cloning Software With SYSPREP

### Configuration

- Control Panel • Changing System Settings • Network Identification Tab • The Hardware Tab • User Profiles • Advanced • Reconfiguring the Win16 Virtual Machine • Computer Management • Managing Software • Additional Control Panel Tools • Windows 2000 Registry • Value Entries • HKEY\_LOCAL\_MACHINE Subtree • Editing the Registry

### Booting Windows 2000

- Boot Sequences • Core Boot Files • Editing the Boot.ini File • Troubleshooting the Boot Process • Advanced Startup Options • The Recovery Console

### Managing Disks

- Disks and Partitions • Comparing Basic and Dynamic Storage • Simple and Spanned Volumes • Striped Volumes • Disk Fault Tolerance • Disk Mirroring • Raid 5 Volumes • Other Disk Management Issues

### File Systems

- File System Comparison • Choosing a File System • File Allocation Table (FAT) • FAT32 • New Technology File System (NTFS) • File Compression • Converting File Systems

### Terminal Services

- Server and Client Requirements • Installing the Service • Installing Client Software • Creating Terminal Connections • Managing Clients • Configuring the User Profile • Configuring the Service • Installing Applications • Licensing

### Routing and Remote Access

- Remote Access Overview • Installing and Configuring RRAS • Internet Connections • Remote Access Server • Virtual Private Networking • Managing RRAS • Securing RRAS • Routing Issues

### Troubleshooting

- Error Categories • Boot Problems • Event Viewer • Windows 2000 Server Logs • Windows System Information • Task Manager • The Emergency Repair Process • Creating a Windows 2000 Boot Disk • Installing and Using Network Monitor • Understanding a Stop Screen

### Performance Monitoring

- Performance Monitor Basics • Logging Performance

### Glossary

### Index

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