MCSE (Microsoft Certified Solutions Expert) Course Catalog – 45 Days

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| Day | Module | Topics Covered |
| 1-2 | Introduction to MCSE | Overview of Microsoft Certification, Exam Structure |
| 3-5 | Windows Server Installation & Configuration | Windows Server Editions, Installation, Roles & Features |
| 6-8 | Active Directory Domain Services (AD DS) | Installing, Configuring, Managing Active Directory |
| 9-10 | Group Policy & Permissions | Creating, Managing, Implementing GPOs |
| 11-12 | User & Computer Account Management | Creating & Managing Users, Groups, OUs |
| 13-15 | Networking with Windows Server | IP Addressing, DNS, DHCP Configuration |
| 16-17 | Storage Solutions in Windows Server | RAID, File System Management, Storage Spaces |
| 18-20 | Windows Server Security | NTFS Permissions, Security Policies, Firewall Configuration |
| 21-22 | Virtualization & Hyper-V | Installing & Managing Hyper-V, VM Networking |
| 23-25 | Remote Access & VPN | RADIUS, DirectAccess, VPN Configuration |
| 26-27 | Windows Server Updates & Maintenance | WSUS, Patching, Performance Monitoring |
| 28-29 | PowerShell for Windows Administration | Automating Tasks, Writing Scripts |
| 30-32 | Microsoft Exchange Server Basics | Installing & Configuring Exchange, Mailbox Management |
| 33-34 | Cloud & Microsoft Azure Integration | Cloud Computing Basics, Azure AD, Hybrid Cloud |
| 35-36 | Backup & Disaster Recovery | Windows Backup, System Restore, Failover Clustering |
| 37-39 | Troubleshooting & Performance Optimization | Event Logs, Performance Monitor, Network Diagnostics |
| 40-42 | Industry Best Practices & Security Compliance | Security Hardening, Compliance Standards |
| 43-44 | Final Review & Practice Exam | Mock Exams, Hands-on Lab Practice |
| 45 | Certification & Course Completion | Final Assessment, Certification Guidance |