

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

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