# MCSE
# Server 2025

# About Infocampus

Infocampus is a community of learners, educators, and industry professionals dedicated to creating a supportive and dynamic learning environment. Since 2009, we have specialized in IT and networking courses for both beginners and professionals, bridging the gap between theory and practice. Our mission is to prepare students for the evolving tech industry, making us a trusted choice for career advancement in technology.

## Key Features

Hands on training for real world application

Highly experienced and skilled faculties

State-of-the-Art Infrastructure

Course completion certificate

**15+**
Years of Expertise

**5K+**
Successful Graduates

Duration
# 3
Months

# MCSE (Microsoft Certified Solutions Associate)

Embark on the MCSE (Microsoft Certified Solutions Expert) Windows Server 2025 certification, a comprehensive program tailored for IT professionals aspiring to excel in designing and implementing advanced Microsoft server solutions. This course covers pivotal aspects such as server infrastructure, identity management, virtualization, and hybrid cloud integration using Windows Server 2025 By mastering these critical skills, you'll be equipped to architect and manage robust IT environments that meet the demands of modern businesses. Join us as we embark on a journey to elevate your expertise in Windows Server 2025 and advance your career in IT infrastructure management

# Course Curriculum

## MCSA (Solution Associate) – Windows 11

### Module –1 ▼

- N+
- Windows 11 editions, system requirement and Installation [USB]
- Windows 11 Shortcut Keys
- Configuring Networking (7/11)
- Basic trouble shooting commands
- User A/C and Groups Password policy and account lockout policy
- Remote Desktop
- Remote assistance
- Telnet
- NTFS (Security, Compression, encryption and Disk quota)
- Map N/W Drive
- Power Options, Task scheduler
- MS CONFIG, DXDIAG, Registry, Group Policy, MMC and UAC
- Software Restriction policy and AppLocker
- Application compatibility (XP-Mode)
- Monitoring – (Task Manager, Event Viewer Resource Monitor, Performance
- Monitor, DCS)
- Restore point, Backup and Restore
- BitLocker, Ready Boost, Virtual Memory
- Domain Networking
- IPV6

### Module –2 ▼

- Server Editions and Hardware Requirements (Also cover 2008R2/2012R2/2019/2022 Servers)
- Server Installation and Basic AD configuration
- OSI Layer
- IPV4
- DHCP
- DNS
- LAN Routing
- NAT & ICS
- VPN
- IPsec
- Network Monitoring

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## Module -3

- WDS (Windows Deployment Services)
- Dynamic Disks [Basic disk, simple, spanned, stripped, RAID5 and Storage Areas (Das, SAS, NAS and iSCSI)]
- Remote Desktop Services (TS) [TS web access, TS remote App, TS Gateway and Session Broker]
- Webserver (IIS) [SSL & FTP]
- NLB, DNS Round robin and Failover Clustering

## Module -4

- AD Installation
- User account, User profiles ,Home Folders
- ADC
- USMC & Operation Masters(FSMO)
- RODC
- Child DC
- Global Catalogue (GC)
- Groups
- Trust relationships
- AD Site & Replication
- Organizational Unit(OUs)
- Group Policy
- Folder Redirection
- Software Deployment

## Module -5

- Wireless
- Disaster Recovery [WS Backup and Restore]
- WSUS(Windows Server Update Services)
- FSRM
- Data Deduplication

## Module -6

- Virtualization Administration (Hyper V) [Adding interfaces $ Disks, Replicate to physical N/W]
- Virtual Machine Backup (Import), Restore (Export) and Snapshot
- Cloning VM
- DFS
- ADCS (Active Directory Certificate Service)
- ADFS (Active Directory Federation Service)
- ADLDS (Active Directory Lightweight Directory Service)
- Sever Core
- Container
- AD & Server Migration

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# INFOCAMPUS

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