

Windows Server

☒ Sessions 1 & 2

- ☒ Overview of windows operating system
- ☒ Installation of windows operating system
- ☒ Install, upgrade, and migrate servers and workloads
- ☒ Create, manage, and maintain images for deployment

☒ Sessions 3

- ☒ Concept of Windows Server Backup (WSB)
- ☒ Implement WSB

☐ Session 4 & 5

- ☐ Implementation, planning and maintaining of active directory infrastructure
- ☐ Implementing and administering Active Directory
- ☐ User accounts and groups in an Active Directory Domain
- ☐ Implementing an Active Directory Domain Services (ADDS)
- ☐ Domain Controller (DC)
- ☐ Additional Domain Controller (ADC)
- ☐ Client (Windows 10/11)
- ☐ Member Server (MS)

☒ Session 6 & 7

- ☒ Configuring DNS
- ☒ Implement DHCP and IPAM
- ☒ Configuration of DNS server
- ☒ Install and configure DHCP
- ☒ Manage and maintain DHCP
- ☒ Implement and Maintain IP Address Management (IPAM)

☐ Session 8

- ☐ Local policies and Group Policies
- ☐ Implement Local policies & Group policies

☐ Session 9

- ☐ Implement Network Connectivity and Remote Access Solutions
- ☐ Implement network connectivity solutions

- ☐ Implement virtual private network (VPN) and Direct Access solutions

☒ Session 10

- ☒ Concept of IIS Web Server
- ☒ Implement of IIS Web Server

☐ Session 11

- ☐ Concept of Core and Distributed Network Solutions
- ☐ Implement IPv4 and IPv6 addressing
- ☐ Implement Distributed File System (DFS) and Branch Office solutions

☒ Session 12

- ☒ Concept of Windows Deployment Service (WDS)
- ☒ Deploying Windows 10/11 using WDS

☐ Session 13 & 14

- ☐ Hyper-V & Storage Solutions
- ☐ Implement Hyper-V
- ☐ Configure disks and volumes
- ☐ Implement server storage
- ☐ Implement data deduplication
- ☐ Install and configure Hyper-V
- ☐ Configure virtual machine (VM) setting

☐ Session 15

- ☐ Concept of File Server Resource Manager (FSRM)
- ☐ Implement File Server Resource Manager (FSRM)

☐ Session 16

- ☐ Concept of Network Policy Server (NPS)
- ☐ Implement Network Policy Server (NPS)

☐ Session 17

- ☐ Concept of Network Load Balancing (NLB)
- ☐ Troubleshooting
- ☐ Implement of Network Load Balancing (NLB)
- ☐ Maintenance and troubleshooting
- ☐ Introduction to Microsoft Windows 10 & 11 security
- ☐ Security issues at the Active Directory level
- ☐ Evaluating and analyzing workstation security

☐ Securing Windows services

☐ **Session 18**

☐ Concept of Exchange server

☐ Installing and implementing of Exchange Server.

☐ **Session 19 & 20**

☐ Power Shell

☐ Windows Power Shell Technology Background and Overview

☐ Power shell Error Handling and Debugging

☐ Windows Administration using power shell

☐ Background Jobs and Remote Administration

☐ Windows Power Shell Tips & Re-Using Scripts and Functions