



DIDATTICA CORSO SISTEMISTA (ore 240)

MODULO 1 *Introduction to Networking (40 ore)*

- TCP/IP Introduction
- IPv4 Addressing
- LAN Switching
- VLAN, Trunking and InterVLAN Routing
- IP Routing
- Network Address Translation (NAT)
- Firewall Introduction
- Dmz and Firewall Rules
- Troubleshooting

MODULO 2 *Windows 10 (16 ore)*

- Overview of Windows 10
- Installing Windows 10
- Configuring Your Device
- Configuring Network Connectivity
- Managing Storage
- Configuring and Managing Client Hyper-V
- Managing Files and Printers
- Managing Network Security
- Troubleshooting and Recovery
- Maintaining Windows 10

MODULO 3 *Server (24 ore)*





- Installing Windows Server 2016
- Implementing a File Server
- Implementing DHCP
- Implementing DNS
- Installing and configuring Hyper-V and virtual machines
- Implementing failover clustering with Windows Server 2016 Hyper-V
- Powershell 101

MODULO 4 *Active Directory (40 ore)*

- Installing and configuring domain controllers
- Managing objects in AD DS
- Implementing and administering AD DS Trusts
- Implementing and administering AD DS sites and replication
- Implementing Group Policy
- Managing user settings with Group Policy
- Securing Active Directory Domain Services
- Deploying and managing AD CS
- Deploying and managing certificates
- Monitoring, managing, and recovering AD DS
- Powershell AD Module

MODULO 5 *System Center Configuration Manager 2016 (40 ore)*

- Managing computers and mobile devices in the enterprise
- Preparing the management infrastructure to support PCs and mobile devices
- Deploying and managing clients
- Managing inventory for PCs and applications
- Distributing and managing content used for deployments
- Deploying and managing applications





- Planning and deploying Office 365 ProPlus
- Maintaining software updates for managed PCs
- Managing operating-system deployments
- Mobile device management using Configuration Manager and Microsoft Intune
- Managing and maintaining a Configuration Manager site

MODULO 6 Office 365 (40 ore)

- Planning and provisioning Office 365
- Managing Office 365 users and groups
- Configuring client connectivity to Microsoft Office 365
- Planning and configuring directory synchronization
- Planning and managing Exchange Online recipients and permissions
- Planning and configuring Exchange Online services
- Planning and deploying Skype for Business Online
- Planning and configuring identity federation

MODULO 7 Azure (40 ore)

- Introduction to Azure
- Microsoft Azure management tools
- Implementing and managing Azure networking
- Implementing virtual machines
- Managing virtual machines
- Cloud storage
- Implementing Azure App services
- Planning and implementing storage, backup, and recovery services
- Implementing Azure Active Directory

