COURSE CONTENT

Azure Administrator

- Manage Azure AD objects
- Manage role-based access control (RBAC)
- Manage subscriptions and governance
- Manage storage accounts
- Manage data in Azure Storage
- Configure Azure files and Azure blob storage
- Configure VMs for high availability and scalability
- Automate deployment and configuration of VMs
- Create and configure VMs
- Create and configure containers
- Create and configure Web Apps
- Implement and manage virtual networking
- Configure name resolution
- Secure access to virtual networks
- Configure load balancing
- Monitor and troubleshoot virtual networking
- Integrate an on-premises network with an Azure virtual network
- Monitor resources by using Azure Monitor
- Implement backup and recovery

Azure Developer

- Implement IaaS solutions
- Create Azure App Service Web Apps
- Implement Azure functions
- Develop solutions that use Cosmos DB storage
- Develop solutions that use blob storage
- Implement user authentication and authorization
- Implement secure cloud solutions
- Integrate caching and content delivery within solutions
- Instrument solutions to support monitoring and logging
- Develop an App Service Logic App
- Implement API Management
- Develop event-based solutions
- Develop message-based solutions

Azure Architect

- Implement cloud infrastructure monitoring
- Implement storage accounts
- Implement VMs for Windows and Linux
- Automate deployment and configuration of resources
- Implement virtual networking
- Implement Azure Active Directory
- Implement and manage hybrid identities
- Manage workloads in Azure
- Implement load balancing and network security
- Implement and manage Azure governance solutions
- Manage security for applications
- Implement an application infrastructure
- Implement container-based applications
- Implement NoSQL databases
- Implement Azure SQL databases
- Design for cost optimization
- Design a solution for logging and monitoring
- Design governance
- Design security for applications
- Design a solution for databases
- Design data integration
- Design an application architecture

Azure Security

- Manage Azure Active Directory (Azure AD) identities
- Manage secure access by using Azure AD
- Manage application access
- Manage access control
- Implement advanced network security
- Configure advanced security for compute
- Configure centralized policy management
- Configure and manage threat protection
- Configure and manage security monitoring solutions
- Configure security for storage
- Configure security for data
- Configure and manage Azure Key Vault