

Cloud Computing

Course Outline

Microsoft Azure

- Learn about concepts, cloud services, the types of cloud models, and the types of cloud services
- Understand Azure core cloud architectural components, Azure services and products, Azure solutions, and Azure management tools
- Get familiar with Azure security, identity, governance, monitoring, reporting, and standards
- Get details on Azure subscriptions, planning and managing costs, support options, SLAs, and service lifecycles

Amazon

- Summarize the working definition of AWS
- Differentiate between on-premises, hybrid-cloud, and all-in cloud
- Describe the basic global infrastructure of the AWS Cloud
- Explain the six benefits of the AWS Cloud
- Describe and provide an example of the core AWS services, including compute, network, databases, and storage
- Identify an appropriate solution using AWS Cloud services with various use cases
- Describe the AWS Well-Architected Framework
- Explain the shared responsibility model
- Describe the core security services within the AWS Cloud
- Describe the basics of AWS Cloud migration
- Articulate the financial benefits of the AWS Cloud for an organization's cost management
- Define the core billing, account management, and pricing models
- Explain how to use pricing tools to make cost-effective choices for AWS services

Google

- Digital transformation with Google Cloud
- Innovating with data and Google Cloud
- Infrastructure and application modernization
- Google Cloud security and operations