MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

Generated: 09-Nov-2026

Course Profile Document

ICT and Security Management

Introduction to Cloud Computing: AWS and Azure

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD3020	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

The Introduction to Cloud Computing: AWS and Azure course by Magna Skills offers a foundational understanding of cloud computing platforms, focusing on Amazon Web Services (AWS) and Microsoft Azure. Participants will learn the fundamentals of cloud computing, explore key features and services offered by AWS and Azure, and gain insights into the benefits and practical applications of cloud technology in today's digital landscape.

This course is an introductory level course for understanding the cloud technology concepts and gives a detailed introduction to the three largest cloud providers: Amazon Web Service (AWS), Microsoft Azure and Google Cloud Platform (GCP).

Course Outcomes

- 1. **Understand Cloud Computing Fundamentals:** Gain a comprehensive understanding of cloud computing concepts, including deployment models, service models, and key terminology.
  2. **Explore Amazon Web Services (AWS):** Learn about the core services and features offered by AWS, including compute, storage, networking, and databases, and understand how to navigate the AWS Management Console.
  3.

Discover Microsoft Azure Services: Explore the key services and capabilities of Microsoft Azure, including virtual machines, storage solutions, networking services, and identity management, and learn how to leverage Azure Portal for managing resources.

4. **Compare AWS and Azure:** Compare and contrast the offerings of AWS and Azure, including pricing models, global infrastructure, security features, and integration options, to make informed decisions for cloud deployments.

5. **Understand Cloud Migration Strategies:** Learn about common cloud migration strategies, such as rehosting, refactoring, rearchitecting, and repurchasing, and understand best practices for migrating workloads to the cloud.

Course Outline / Curriculum

Module 1: Introduction to Cloud Computing

- Overview of cloud computing concepts and benefits
- Cloud deployment models: public, private, and hybrid clouds
- Cloud service models: IaaS, PaaS, and SaaS

Module 2: Amazon Web Services (AWS) Fundamentals

- Introduction to AWS: history, global infrastructure, and core services
- AWS Compute Services: EC2, Lambda, and Elastic Beanstalk
- AWS Storage Services: S3, EBS, and Glacier

Module 3: Microsoft Azure Essentials

- Introduction to Microsoft Azure: overview, global regions, and service offerings
- Azure Virtual Machines: deployment, management, and scalability
- Azure Storage Solutions: Blob Storage, Azure Files, and Azure Disk Storage

Module 4: Comparing AWS and Azure

- Comparative analysis of AWS and Azure services, pricing models, and features
- Evaluating factors such as reliability, scalability, security, and compliance

Module 5: Cloud Migration Strategies

- Overview of cloud migration methodologies and best practices
- Case studies and real-world examples of successful cloud migrations

Participants in the Introduction to Cloud Computing: AWS and Azure course will gain a solid foundation in cloud computing concepts and gain practical insights into working with two leading cloud platforms, AWS and Azure. Through hands-on exercises, demonstrations, and case studies, participants will develop the knowledge and skills necessary to leverage cloud technologies effectively for various business applications.

Target Audience

Key Course Benefits

Work-Ready Skills

Delegates leave with practical tools, templatesand methods they canapply immediately atwork.

Better Institutional Results

The programme supports stronger planning, reporting, compliance, accountability andservice delivery.

Sponsor-Friendly

This document isdesigned to helpsupervisors, HR units andsponsors approve delegate participation quickly.

ProfessionalRecognition

Delegates receivetraining documentationand a certificate ofcompletion aftersuccessful participation.

Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

Southern Africa

Practical training destinations with strong travel access and delegate support.

Pretoria, South Africa

Vic Falls, Zimbabwe

Livingstone, Zambia

East Africa

Popular regional centres for government, NGO and donor-funded project teams.

Kigali, Rwanda

Kampala, Uganda

Nairob

Zanzibar, Tanzania

West Africa & Islands

Strategic locations for regional networking and executive capacity building.

Accra, Ghana

Port Louis, Mauritius

International Executive Venue

Premium destination training for senior teams and international delegates.

Dubai, United Arab Emirates

Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

Online, E-Learning

Remote Teams

Flexib

Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

Onsite

Custom Dates

Group Training

Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

Register / Apply Online

View Full Course Page

About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

Organisation / Department	
Delegate Name(s)	
Approved Course	Introduction to Cloud Computing: AWS and Azure
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____