

# COURSE OVERVIEW

**Course Name:**  
AWS Technical Essentials

**COURSE DURATION: 1 Days**

**Gauteng:**

3rd Floor, 34 Whitely Road  
Melrose Arch  
Johannesburg  
2196

**Gauteng:**

192 on Bram  
192 Bram Fischer Drive  
Ferndale, Randburg  
Johannesburg  
2160

**Cape Town:**

3rd Floor, Thomas Pattullo Building  
19 Jan Smuts St  
Cape Town  
8000

**Durban:**

9 Mountview Close  
Broadlands  
Mount Edgecombe  
Durban  
4302

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## INTRODUCTION

AWS Technical Essentials introduces you to essential AWS services and common solutions. The course covers the fundamental AWS concepts related to compute, database, storage, networking, monitoring, and security. You will start working in AWS through hands-on course experiences. The course covers the concepts necessary to increase your understanding of AWS services, so that you can make informed decisions about solutions that meet business requirements. Throughout the course, you will gain information on how to build, compare, and apply highly available, fault tolerant, scalable, and cost-effective cloud solutions.

## DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
  - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client

## INTENDED AUDIENCE

This course is intended for:

- Individuals responsible for articulating the technical benefits of AWS services to customers
- Individuals interested in learning how to get started with AWS
- SysOps administrators
- Solutions architects
- Developers

## PREREQUISITES

We recommend that attendees of this course have the following

- IT experience
- Basic knowledge of common data center architectures and components (servers, networking, databases, applications, and so on)
- No prior cloud computing or AWS experience required

## COURSE OBJECTIVES

In this course, you will learn how to:

- Describe terminology and concepts related to AWS services
- Navigate the AWS Management Console
- Articulate key concepts of AWS security measures and AWS Identity and Access Management (IAM)
- Distinguish among several AWS compute services, including Amazon Elastic Compute Cloud (Amazon EC2), AWS Lambda, Amazon Elastic Container Service (Amazon ECS), and Amazon Elastic Kubernetes Service (Amazon EKS)
- Understand AWS database and storage offerings, including Amazon Relational Database Service (Amazon RDS), Amazon DynamoDB, and Amazon Simple Storage Service (Amazon S3)
- Explore AWS networking services
- Access and configure Amazon CloudWatch monitoring features
- Understand AWS management tools, including Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor
- Describe security services with the AWS cloud
- Define the billing, account management, and pricing models for the AWS platform
- Identify future services and developments built on the cloud
- Describe security services with the AWS cloud
- Define the billing, account management, and pricing models for the AWS platform

## COURSE TOPICS

This course covers the following concepts:

- Module 1: Introduction to Amazon Web Services
- Module 2: AWS Compute
- Module 3: AWS Networking
- Module 4: AWS Storage
- Module 5: Databases
- Module 6: Monitoring, Optimization, and Serverless
- Module 7: Course Summary

## Associated Certification & Exam

No exam.