

# COURSE OVERVIEW

## Course Name:

(D1103971GC10)  
Oracle Cloud Infrastructure  
Foundations

**COURSE DURATION: 5 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

This course provides foundational knowledge of the various Oracle Cloud Infrastructure cloud services. This course will help you in developing a strong foundation in cloud computing, core concepts, and features of Oracle Cloud Infrastructure (OCI).

## 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

## TARGET AUDIENCE

- Beginners to Cloud and OCI

## PREREQUISITES

- To successfully complete this training, you should be familiar with computer fundamentals.

## COURSE OBJECTIVES

This course will help you in developing a strong foundation in cloud computing, core concepts and features of Oracle Cloud Infrastructure (OCI):

- Identify the core OCI service offerings
- Understand OCI security model
- Get to know the OCI compliance structure
- Understand OCI pricing, support model and operations
- Key Features and components of OCI

## COURSE CONTENT

### Module 1: Oracle Cloud Infrastructure Introduction

- Lesson 1 - Introduction
- Lesson 2 - OCI Architecture

### Module 2: Identity and Access Management

- Lesson 1 - Introduction
- Lesson 2 – Tenancy Setup
- Lesson 3 – AuthN, AuthZ
- Lesson 4 – Compartments

### Module 3: Networking

- Lesson 1 - Introduction
- Lesson 2 – Routing
- Lesson 3 – Security
- Lesson 4 – Load Balancer

### Module 4: Compute

- Lesson 1 - Introduction
- Lesson 2 – Instance Basics
- Lesson 3 – Scaling
- Lesson 4 – OS Management

### Module 5: Storage

- Lesson 1 - Introduction
- Lesson 2 – Object Storage
- Lesson 3 – Block Volume
- Lesson 4 – File Storage
- Lesson 5 - Data Migration

#### Module 6: Database

- Lesson 1 - Introduction
- Lesson 2 – Autonomous Database
- Lesson 3 – Database Systems
- Lesson 4 – Oracle MySQL
- Lesson 5 – Oracle NoSQL Database

#### Module 7: Application Development

- Lesson 1 - Resource Manager
- Lesson 2 – Oracle Functions
- Lesson 3 – Oracle Container Engine for Kubernetes
- Lesson 4 – Container Registry (OCIR)
- Lesson 5 – API Gateway
- Lesson 6 - Developer Services Overview
- Lesson 7 - OCI Developer Services Case Study
- Lesson 8 - OCI DevOps Service

#### Module 8: Observability & Management

- Lesson 1 - Introduction
- Lesson 2 – Monitoring
- Lesson 3 – Logging
- Lesson 4 – Events

#### Module 9: Analytics and AI

- Lesson 1 - Introduction
- Lesson 2 – Data Integration
- Lesson 3 – Data Flow
- Lesson 4 – Data Catalog
- Lesson 5 – Data Science

#### Module 10: OCI Security

- Lesson 1 – Introduction
- Lesson 2 – Cloud Guard
- Lesson 3 – Security Zones and Security Advisor
- Lesson 4 – Vulnerability Scanning
- Lesson 5 – Vault
- Lesson 6 – Web Application Firewall
- Lesson 7 - Bastion

#### Module 11: Hybrid Cloud

- Lesson 1 – Introduction
- Lesson 2 – Dedicated Region

#### Module 12: Governance and Administration

- Lesson 1 – Pricing
- Lesson 2 – Cost Management
- Lesson 3 - Tagging

### ASSOCIATED EXAMS & CERTIFICATION

- 1Z0-1085-22