

# CompTIA® Cloud Essentials (Exam CLO-002)

**Duration: 2 Days**

**Prerequisites:**

A typical student taking the CompTIA Cloud Essentials+ course should have six to twelve months of work experience as a business analyst in an IT environment with some exposure to cloud technologies.

**Course Description:**

This two-day course will teach you the knowledge and skills required to make clear and conscious decisions about cloud technologies. You will learn to understand what cloud computing means from a business and technical perspective by evaluating business use cases, and to comprehend what is involved with using the cloud and the financial impact of deploying to and governing the cloud. You can also take this course to prepare for the CompTIA Cloud Essentials+ certification examination.

**Course Objectives:**

In this course, you will learn the major cloud computing concepts and technologies as they relate to standard business practices. You will apply these concepts to understand how cloud computing impacts business. On course completion, you will be able to:

- Understand cloud computing concepts.
- Apply cloud business principles.
- Advise a cloud design and migration.
- Operate in the cloud.
- Manage cloud governance.

**Target Audience:**

This course is intended for IT and business professionals who wish to increase their knowledge and understanding to make data-driven cloud recommendations for their business, or who wish to prepare for the CompTIA Cloud Essentials+ certification.

**Course Outlines:**

**Lesson 1: Understanding Cloud Computing Concepts**

- Understand Basic Cloud Concepts and Terms
- Identify Cloud Network and Cloud Storage Technologies
- Recognize Cloud Design Aspects

**Lesson 2: Applying Cloud Business Principles**

- Relate Cloud Concepts to Business Principles
- Establish Cloud Vendor Relations
- Distinguish the Financial Aspects of Engaging a Cloud Service Provider
- Report Financial Expenditures

**Lesson 3: Advising a Cloud Design and Migration**

- Relate Cloud Concepts to Cloud Design and Migration
- Use Cloud Assessments
- Manage Cloud Design
- Compare Cloud Migration Approaches
- Identify Benefits and Solutions of Cloud Services

**Lesson 4: Operating in the Cloud**

- Relate Cloud Concepts to Technical Operations
- Identify the Technical Aspects of Cloud Operations
- Understand DevOps in the Cloud
- Explain Cloud Security Concerns, Measures, and Concepts

**Lesson 5: Managing Cloud Governance**

- Relate Cloud Concepts to Governance
- Apply Risk Management Concepts
- Understand Compliance and the Cloud
- Manage Policies and Procedures for Cloud Services

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