Document Generated: 11/02/2026

Learning Style: On Demand

Technology:

Difficulty: Beginner

Course Duration: 8 Hours

CompTIA Cloud Essentials



About The Course

CompTIA Cloud Essentials gives business professionals a practical understanding of cloud computing and its role in today’s organizations. Rather than focusing on hands-on engineering, the course explains how cloud services work, what they cost, and how they support business strategy.

Course Objectives:

- Learners explore cloud concepts and service models, governance and compliance considerations, and how to evaluate cloud services against business needs. The course includes about 8 hours of instructional content, combining videos, hands-on activities, interactive assessments, and practice questions with instant feedback and progress reports.

Audience:

- Business analysts and project or product managers involved in cloud initiatives
- Sales, marketing, and procurement professionals working with cloud products or vendors
- Managers and decision-makers evaluating cloud adoption
- Non-technical staff who work alongside IT and cloud teams
- Anyone new to cloud computing looking for a business-oriented starting point

Prerequsites:

- The course is designed for beginners, and no prior IT or cloud experience is required. A general familiarity with business operations is helpful but not necessary.

Course Outline:

Module 1: Cloud Concepts

- What cloud computing is and its core characteristics
- Service models: IaaS, PaaS, and SaaS
- Deployment models: public, private, and hybrid
- The shared responsibility model for cloud security

Module 2: Cloud Business Principles

- Aligning cloud strategy with business objectives
- Managing relationships with cloud vendors
- Optimizing cloud investments and costs

Module 3: Cloud Design and Migration

- Cloud migration strategies
- Cloud-native applications

- Guiding efficient, innovative cloud designs

Module 4: Operating in the Cloud

- Monitoring and optimizing cloud resources
- Making deployment decisions
- DevOps practices, including CI/CD and configuration management

Module 5: Cloud Governance and Compliance

- Managing cloud risks
- Creating cloud policies
- Ensuring regulatory compliance

Module 6: Future Trends and Innovations

- Emerging trends in cloud technology
- Reskilling opportunities
- Preparing for a changing job market