

# Cloud Essentials+

This course provides an introduction to cloud computing and covers topics, such as cloud networking, cloud migration strategies, cloud connectivity, cloud design considerations, and cloud security.

## course outline

### IS THIS COURSE FOR YOU?

This course is designed for those who are already working in IT or who have a strong background in IT and would like to deepen their understanding of cloud computing.

### ABOUT THE COURSE

This course provides a thorough introduction to cloud computing while also preparing you to take CompTIA's Cloud Essentials+ certification exam.

Topics covered in the course include essential cloud principles and cloud networking, cloud migration strategies, cloud connectivity and load balancing, cloud storage technologies, cloud design considerations, cloud security, and risk mitigation with cloud infrastructure.

### AIMS AND OBJECTIVES

The world of IT relies increasingly on cloud-based infrastructure. Having a solid grounding in this fast-evolving area of IT is essential for those who aspire to more challenging and more satisfying roles in IT administration.

### PRE-REQUISITES

Strong background in IT with a basic knowledge of cloud technologies.

### COURSE CONTENT

**Module 1 - Essential Cloud Principles**

**Module 2 - Essential Cloud Networking**

**Module 3 - Cloud Connectivity & Load Balancing**

**Module 4 - Cloud Storage Technologies**

**Module 5 - Cloud Design Considerations**

### COURSE CONTENT *(cont'd)*

**Module 6 - Gap Analysis & Cloud Assessment**

**Module 7 - Contracting with Cloud Service Providers**

**Module 8 - Cloud Adoption to Enhance Business Value**

**Module 9 - Security Considerations**

**Module 10 - Cloud Native Apps & Cloud Data Analytics**

**Module 11 - Utilising Cloud Services**

**Module 12 - Cloud Migration Strategies**

**Module 13 - Operations within Cloud**

**Module 14 - DevOps in the Cloud**

**Module 15 - Cloud Licensing Models & Risk Mitigation**

**Module 16 - Cloud Governance & Securing Data**

### CAREER PATH

This course is ideal if you're seeking to enhance an existing IT skillset or if you're working toward a career in IT infrastructure.

### COURSE DURATION

40 hours. This will vary from individual to individual based on prior knowledge and ability.



### CPD POINTS: 40

CPD points awarded upon successful completion.



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for 180 years.

