



CLOUD+ CERTIFICATION

As more and more businesses shift their IT operations to cloud platforms, skills in cloud computing and virtualization have become a frequently required qualification for IT professionals. Adding CompTIA Cloud+ to your resume demonstrates your ability to implement and maintain cloud technologies and enables you to jump into a rapidly growing market:

- 9 out of 10 companies use some form of cloud technology¹.
- 60 percent of companies have 30 percent or more of their IT systems in the cloud¹.
- Cloud computing is estimated to generate nearly 7 million jobs worldwide by the end of 2015².

The global cloud computing market is projected to reach \$270 billion by 2020

<https://certification.comptia.org/certifications/cloud>

CLOUD+ Certification

Goal of Training	This course is suitable for students looking to acquire job skills and to be trained specifically to pass the associated CompTIA Cloud+ certification exam.	
Prerequisites	CompTIA Cloud+ is targeted toward IT personnel with at least 24 to 36 months of IT experience in networking, storage, or data center administration	
Expected Outcomes:	<ul style="list-style-type: none"> • Identify and understand the different types of cloud services and service models available and the unique characteristics of cloud services and object storage. • Identify the key benefits of using virtualization. • Demonstrate an understanding of the storage and network infrastructure of the data center and the configuration and provisioning of its components. • Demonstrate an understanding of how to manage the cloud provider data center. • Describe network security concepts as well as how to secure information using encryption, access control, and system hardening. • Demonstrate how to plan and document cloud policies and procedures, as well as how to monitor the VM host for performance issues and perform testing in the cloud. 	
Course Content:	<ul style="list-style-type: none"> ◆ Lesson 1: Cloud Fundamentals ◆ Lesson 2: Virtualization ◆ Lesson 3: Data Center Infrastructure 	<ul style="list-style-type: none"> ◆ Lesson 4: Cloud Management ◆ Lesson 5: Cloud Security ◆ Lesson 6: Migrating Infrastructure to the Cloud ◆ Lesson 7: Networking and Disaster Recovery

WHAT IS INCLUDED

Textbook(s) and authors: The following textbooks will be used in the course. Textbooks may be accessed via the e-Reference Library at no charge to students for online access. You have the option to purchase the books within the e-Reference Library however it is not a requirement:

Exercises: You will go through a series of exercises that will assess your comprehension and application of the principles covered in the course. Once you answer the assignment questions, you may compare your answers to the answer key.

Lesson Quizzes/Tests: Upon completion of each lesson and exercises, there is a lesson Quiz. These quizzes will assess your comprehension of the concepts covered within the lesson presentations. The grade achieved on these quizzes will be saved in the grade book for the course.

Final Exam: Upon completion of all the activities in the course, there is a final exam. The exam will focus on all the material covered throughout the course, including reading assignments. The results achieved on the final exam will be saved in the grade book.

TECHNICAL SUPPORT Instructional/Technical Support may be reached by:

- **CHAT:** clicking the icon in the online classroom entitled, 'Connect with Support.' A help desk specialist is available Monday-Saturday via instantaneous chat mode. (Monday-Thursday 8am-11pm; Friday 8am-6pm; Saturday 11am-6pm)
- **EMAIL:** During those hours when online support is not available, instructional support will contact you within 24 business hours.