ONWARD TO OPPORTUNITY

CompTIA Cloud+
CV0-002
Course Syllabus
10 Hours

Course Description

CompTIA Cloud+ certification verifies the skills and expertise of IT practitioners in maintaining and optimizing cloud infrastructure services. In this course, students will learn about analyzing and executing the requirements for a successful test cloud deployment, examine the configuration and troubleshooting of interconnected networks, and explore data migration tools and integration of on-premise and cloud environments. Students will also explore storage options that administrators must define to manage cloud technologies, the technologies used to secure cloud resources, and how a good maintenance plan is an important part of protecting the resources to keep in the cloud. This course covers the objectives for the certification exam:

- **CompTIA Cloud+ CV0-002**

Learning Objectives

Upon completion of the course, students will understand:

- Analyzing and executing the requirements for a successful test cloud deployment, in order to comprehend what data is being deployed and to where
- How to examine the configuration and troubleshooting of those networks, in order to ensure cloud resources can be connected to each other and to any on-premises locations using networking technologies
- Memory and CPU configuration options that administrators must define to manage cloud technologies
- Storage options that administrators must define to manage cloud technologies
- Migration tools and integration of on-premise and cloud environments and how to successfully carry out said migrations
- How to properly and effective secure data and resources within a cloud, and the critical technologies used to secure and troubleshoot cloud deployments
- What technologies to use when patching and maintaining cloud resources, in order to protect the resources kept in the cloud from security and performance issues
- Backing up cloud data and technologies used in cloud disaster recovery
- Methods and processes used to monitor and manage cloud environments
- Resources available to troubleshoot cloud deployments and connectivity

Course Format

CompTIA Cloud+ is a self-paced, online course delivered through the learning management system Skillsoft. The site to access the coursework is su.skillport.com. You can view your assigned coursework by clicking "Learning Plan" icon on the Skillsoft home page.

Coursework is delivered through videos, tutorials, and tests. No textbooks are required for the course; however, students are encouraged to utilize additional resources to assist with certification preparation. Resource Guides with lists of supplemental study materials for each certification are available at http://libguide.get-vet.syr.edu/curriculum/ or on the IVMF CORE.

Course Completion Requirements

CompTIA Cloud+ coursework is due within 90 days from the assignment date. The course hours listed at the top of the syllabus reflect the time it would take to click through the slides and do not account for taking notes or the end of module tests. You must complete all modules listed within the course. Successful completion of a module is marked after you review the lesson videos and score 80% or higher on the end of module tests.

At the beginning of a module, you will be asked to take a pre-test. Scoring 80% or higher on the pre-test signifies competence in the information that will be covered; you will therefore be waived from completing the module. A non-credit certificate of completion will be awarded for successful completion of the coursework.

Industry Certification Requirements

In order for the program to fund CompTIA Cloud+ certification exam you will need to meet the Cloud+ practice exam requirements. Your advisor or O2O program coordinator will provide you with access to the practice exams as well as completion instructions once you have finished the coursework.

Support

- For technical support, please contact Skillsoft Support at support.skillsoft.com
- For course content support, please utilize Skillsoft's "Ask My Mentor" tool, located in the left-hand Menu within the module course player
- For program support or questions, please contact your advisor or O2O program coordinator

Course Outline

1.1 CompTIA Cloud+ CV0-002: Planning Cloud Deployments

1.2 CompTIA Cloud+ CV0-002: Planning Cloud Networking

1.3 CompTIA Cloud+ CV0-002: Planning Cloud Compute Resources

1.4 CompTIA Cloud+ CV0-002: Planning Cloud Storage Resources

1.5 CompTIA Cloud+ CV0-002: Planning Cloud Migrations and Extensions

1.6 CompTIA Cloud+ CV0-002: Security Configurations and Compliance Controls

1.7 CompTIA Cloud+ CV0-002: Security Technologies and Automation Techniques

1.8 CompTIA Cloud+ CV0-002: System Patching and Maintenance

1.9 CompTIA Cloud+ CV0-002: Disaster Recovery

1.10 CompTIA Cloud+ CV0-002: Performance Management

1.11 CompTIA Cloud+ CV0-002: Troubleshooting Deployments