



Preparation for CompTIA Cloud+ Certification
CN125

Hours: In Class 48 Clinical 0 Total 48

Description

Have your head in the clouds about Cloud networking and storage? Looking to elevate your career and knowledge in cloud models, virtualization, infrastructure, security, resource management and business continuity? Cloud computing is the #1 most in-demand hard skill in 2019 ranked by LinkedIn. Enroll today and you can be Cloud+ certified in just 8 weeks! You will learn how to implement, maintain, and deliver cloud technologies and infrastructures using hands on exercises. You will also understand the aspects of IT security and industry best practices related to cloud implementations and virtualization and those required of IT practitioners working in cloud computing environments. You will gain the understanding of cloud infrastructure and understand all the cloud related terminologies and the level of implementation. Tuition includes books and Test Prep for certification preparation, everything you need to enter the exam confident in your skill set.

While MNTC provides you with learning resources to prepare for a successful exam experience, certification exams must be scheduled through PearsonVUE. Exam may be taken in our Assessment Center. Certification Exam is not included. Student discounts are as much as 50%.

Prerequisites

24 to 36 months of work experience in networking, storage or IT data center administration and familiarity with any major hypervisor technologies for server virtualization is very helpful. Network+ certification is highly recommended. If you have experience but are not sure how to assess your skill level, please call Rick Spaulding, program coordinator, at (405) 801-5704 to discuss your situation.

Books

CompTIA Cloud+ (Exam CV0-002) Print and Digital Courseware - ISBN: CLD-002-SPBK-2018 (Included)
Student Labs (LOD) - ISBN: CLD-002-STLB-2018 (Included)

Required Supplies/Materials

Student will need to have access to a credit card to provide credentials for subscribing to on-line cloud services for hands-on exercises. There is no cost to obtain the services, however, if you exceed to limits set by the on-line provider, you will be charged a fee. This class is designed so that the limits will not be exceed. Check with your instructor for more details if needed.

Learning Objectives

1. Prepare to deploy cloud solutions
2. Deploy a pilot project
3. Test a pilot project deployment
4. Design a secure network for cloud deployment
5. Determine CPU and memory sizing for cloud deployments
6. Determine storage requirements for cloud deployments
7. Plan Identity and Access Management for cloud deployments
8. Analyze workload characteristics to ensure successful migration to the cloud
9. Secure systems to meet access requirements
10. Maintain cloud systems

Teaching Philosophy

We believe that instructors, staff, and administrators have a shared responsibility to provide: 1) innovative course design and instruction; 2) a safe, learner-centered environment; and 3) an authentic learning experience.

Teaching Methods

Methods include lecture, class discussion and demonstrations.

Evaluation Methods

Student success is based on participation in class activities and the completion of exercises. A certificate of completion requires 100% attendance and completion of all assigned activities.

Grading Policy

Student success is based on participation in class activities and the completion of exercises. A certificate of completion requires successful completion of all assigned work within the established time frame. Types of graded assignments will be projects, review questions, activities, assignments and tests

Grading Policy:

A = 90 - 100%

B = 80 - 89%

C = 70 - 79%

D = 60 - 69%

F = Below 60%

A course grade of D does not qualify the course as a prerequisite to other courses.

Student Responsibilities

To ensure a quality and safe learning environment, students are required to follow the Post-Secondary Student Behavior policy #560. This policy can be found at www.mntc.edu/board-policies. Printed copies are available upon request.

Students are expected to attend class and participate in class discussions and activities, complete out of class assignments and exams in class.

Students must be on time and meet the attendance policy set for this class which is 80% attendance.