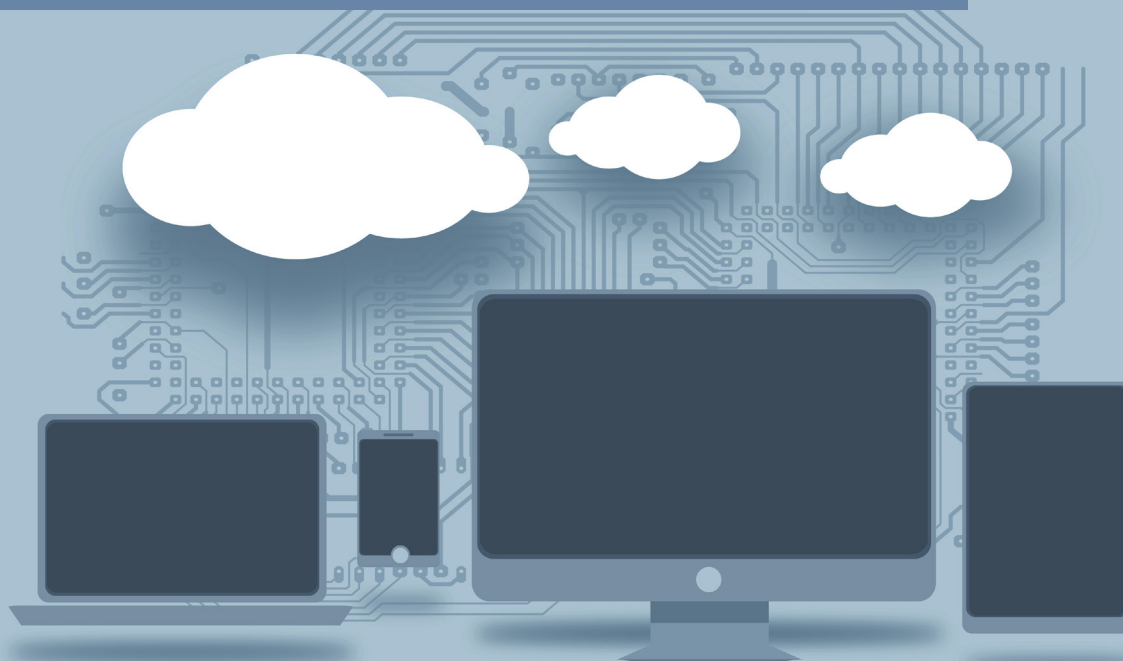# Cloud Computing Training Programs

Master Cloud Computing Online

The global cloud computing market is projected to reach $270 billion by 2020. Since so many businesses are moving to cloud services, professionals with cloud computing skills are increasingly in demand. According to the US Bureau of Labor Statistics, "employment of network and computer systems administrators is projected to grow 12 percent from 2012 to 2022."

These programs include a voucher to take the CompTIA™ Cloud+ certification exam, the Microsoft Private Cloud industry certification exam or the MCSA certification exam.

Complete one or all of the following Cloud Computing training programs:

1. CompTIA™ Cloud+ Certification Training (Voucher Included)
2. Microsoft Certified Solutions Associate (MCSA): Server 2012 with Private Cloud (Voucher Included)
3. Microsoft Certified Solutions Expert (MCSE): Private Cloud (Voucher Included)

For more information on the courses offered, see reverse.

Delivery Format

- Programs are offered online
- Instructor-facilitated online courses
- Start anytime during the quarter
- Train from the convenience of your home and on at your pace
- Should you need more time to complete any of the programs, extensions are available for an additional fee.

Contact us at (909) 537-5976, pace@csusb.edu or visit us at pace.csusb.edu

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Complete one or more of the Cloud Computing Training Programs (Voucher Included).

CompTIA™ Cloud+ Certification Training
(75 hours, 6 months)

The CompTIA™ Cloud+ Certification Training program is designed for individuals new to IT or those with limited experience and prior training. The program provides a solid foundation in key cloud computing skills and is aligned with the highly regarded, CompTIA™ Cloud+ industry certification. This program focuses exclusively on cloud computing, starting with the basics of cloud service environments. It encompasses key areas, including virtualization, infrastructure, troubleshooting, resource management, security, systems management, and business continuity.

You will learn: Cloud services and delivery models, virtual machines and virtualization in cloud environments, storage technologies and provisioning in cloud environments, network configuration and optimization, hardware resources used in enabling virtual environments, resource management techniques, network and storage security concepts and best practices in cloud environments, systems management policies and procedures, diagnosis and optimization of performance, disaster recovery methods, and availability solutions.

Microsoft Certified Solutions Associate (MCSA): Server 2012 with Private Cloud
(350 hours, 12 months)

The Microsoft MCSA Server 2012 with Microsoft Private Cloud certification training program was developed to equip you with the skills needed to understand and execute cloud computing in a Microsoft Private Cloud environment. It covers methodologies required to securely deploy, manage and maintain cloud technologies specific to Microsoft, and also encompasses the skills needed to deploy, manage, and maintain Windows Server 2012 environments. The program is closely aligned to the highly respected and sought after Microsoft MCSA Server 2012 and Microsoft Private Cloud credentials and corresponding exams.

You will learn: Installing and configuring servers; deploying, managing and maintaining servers, implementing business continuity and disaster recovery, configuring and managing: file, storage, and print services; network services and access; server roles and features; hyper-V; Network Policy Server (NPS) infrastructures; Active Directory Infrastructure, Group Policy, and High Availability, understanding Microsoft Private Cloud and Systems Center, and Monitoring and managing Private Cloud services, designing and deploying scalable system center resources architecture, configuring the storage and network fabric, and configuring and deploying virtual machines and services, including App-V services.

Microsoft Certified Solutions Expert (MCSE): Private Cloud
(120 hours, 6 months)

This program is designed for IT professionals with previous training, certification, or work experience. The program provides a thorough understanding in designing, deploying, monitoring and managing Microsoft's Private Cloud environments. It is closely aligned with the highly regarded, Microsoft MCSA Private Cloud industry certification, including MS exams 70-246 and 70-247. This program focuses exclusively on Microsoft Private Cloud computing environments, starting with the fundamentals of Private Cloud and Service Center. It encompasses key areas, including designing and deploying environments, systems infrastructure, troubleshooting, resource management, security, systems management, and business service level management.

You will learn: Understanding Microsoft Private Cloud and Systems Center, monitoring and managing Private Cloud services, deploying and monitoring end-to-end resources, designing and deploying scalable system center resources architecture, configuring the storage and network fabric, configuring and deploying virtual machines and services, including App-V services, troubleshooting and problem resolution, and service level management.