EXCELSIOR COLLEGE

7 Columbia Circle, Albany, NY 12203-5159
Phone: **518.608.8211** | Toll Free: **888.647.2388** | Fax: 518.464.8777
WWW.EXCELSIOR.EDU/CPD

CENTER FOR PROFESSIONAL DEVELOPMENT

MICROSOFT CERTIFIED SYSTEM ADMINISTRATOR PLUS (MCSA+) 2003

340 Hours/18 Months/Instructor-Facilitated
Course Code: **CPD088** || Course Cost: **$2195**

OVERVIEW

The Microsoft Certified Systems Administrator Plus (MCSA+) 2003 Online Training Program is for you if you hold one of the following third-party certifications or certification combinations: Security$^+$, A$^+$ and Network$^+$, or A$^+$ and Server$^+$. The MCSA credential indicates that its holder can successfully implement, manage, and troubleshoot Microsoft Windows server-based operating systems in addition to systems that contain messaging services, file and print servers, and firewalls.

OBJECTIVES

Upon successful completion of this program, you will:

- Identify the tasks involved in supporting Windows 2003 networks
- Understand how networking concepts are implemented in Windows 2003
- Configure Microsoft Windows 2003 Professional on stand-alone computers and on client computers that are part of a workgroup or domain
- Install and configure Windows 2003 Server
- Install, configure, manage, and support a network infrastructure that uses Microsoft Windows 2003 server
- Gain skills needed to create a networking services infrastructure design that supports the required network applications
- Learn network solution technologies including DHCP, IP, OSPF, RIP, and IGMP
- Gain the knowledge and skills needed to design a security framework for small, medium, and enterprise networks by using Microsoft Windows 2003 technologies

You'll also be prepared to take these Microsoft exams:

- 70-290: Managing and Maintaining a Microsoft Windows Server 2003 Environment
- 70-291: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure
- 70-270: Installing, Configuring, and Administering Microsoft Windows XP Professional

OUTLINE

I. Microsoft Windows XP Professional Administration and Maintenance
   - Windows XP Installation
   - Windows XP Installation Automated
   - Hardware Configuration
   - Disk Management

- File System Configuration and Management
- Troubleshooting and Disaster Recovery Desktop Configuration
- TCP/IP Addressing Configuration and Name Resolution
- Windows XP Configuration in Microsoft Network
- Remote User Management
- Mobile Computer Management
- System Resource and Performance Monitoring

II. Microsoft Windows Server 2003 Environment Management and Maintenance

- An Overview of Account and Resource Administration
- User and Computer Account Management
- Group Management
- Resource Access Management
- Printer Implementation
- Printer Management
- Object Access Management
- Group Policy Implementation
- Group Policy Management
- Administrative Templates and Audit Policy Implementation
- Server Administration Preparation
- Server Performance Monitoring Preparation
- Server Performance
- Device Driver
- Disk Management
- Data Storage Management
- Disaster Recovery
- Software Maintenance Using the Software Update Service

III. Microsoft Windows Server 2003 Network Services Management

- Introducing the TCP/IP Protocol
- Assigning IP Addresses in a Multiple Subnet
- Configuring a Client IP Address
- Configuring a Client for Name Resolution
- Isolating Common Connectivity Issues
- Using Routing and Remote Access to Configure Routing
- Using Dynamic Host configuration Protocol to Allocate IP Addresses
- Managing and Monitoring Dynamic Host Configuration Protocol (DHCP)
- Name Resolution
- Host Name Resolution Using Domain Name System (DNS)
- Domain Name System (DNS) Management and Monitoring
- NetBIOS Name Resolution Using Windows Internet Name Service (WINS)
- Using IPSec and Certificates to Secure Network Traffic
- Network Access Management and Monitoring

COMPUTER REQUIREMENTS

This program must be taken on a PC running Windows XP/Vista/7 and IE 7 or later browsers. You will need Adobe Flash Player and Adobe Acrobat Reader, as well as Windows Media Player and WinZip.

INSTRUCTOR BIO

Chris Lobban has industry experience with an extensive range of hardware and software solutions. Before working as an instructor, he worked both in a help desk environment and as a quality assurance analyst. He received his formal training as a computer networking and technical support specialist at Seneca College. Chris has earned CompTIA A+, Network+, Server+, and Security+ credentials, as well as Microsoft MCSE (Windows Server 2003), MCSA (Windows Server 2003), MCDST (Windows XP), and MCITP Enterprise Desktop Support Technician (Windows 7) credentials. He is a Microsoft Certified Trainer (MCT).