



www.compvisions.com

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Albany, NY 12211

Computer Visions Course Outline

Get What You Want

We offer highly customizable group training courses: desktop applications, web development, networking & operating systems, technical certification, professional development & skills, help desk.

Get It When & Where You Want It

All Computer Visions courses are available for presentation on-site or off-site for your convenience. We can roll out any combination of courses at one or more locations anywhere in the United States, according to your requirements and time table. Just let us know and we'll work with you!

Corporate Training Solutions

Corporations look to us to train their employees.

Why? Because our proven training methods have increased employee proficiency and

20744: Securing Windows Server 2016

Course Outline:

Module 1: Attacks, breach detection, and Sysinternals tools

- Understanding attacks
- Detecting security breaches
- Examining activity with the Sysinternals tools

Module 2: Protecting credentials and privileged access

- Understanding user rights
- Computer and service accounts
- Protecting credentials
- Privileged Access Workstations and jump servers
- Local administrator password solution

Module 3: Limiting administrator rights with Just Enough Administration

- Understanding JEA
- Verifying and deploying JEA

Module 4: Privileged access management and administrative forests

- ESAE forests
- Overview of Microsoft Identity Manager
- Overview of JIT administration and PAM

Module 5: Mitigating malware and threats

- Configuring and managing Windows Defender
- Restricting software
- Configuring and using the Device Guard feature

Module 6: Analyzing activity with advanced auditing and log analytics

- Overview of auditing
- Advanced auditing
- Windows PowerShell auditing and logging

Module 7: Deploying and configuring Advanced Threat Analytics and Microsoft Operations Management Suite

- Deploying and configuring ATA
- Deploying and configuring Microsoft Operations Management Suite
- Deploying and configuring Azure Security Center

Module 8: Secure Virtualization Infrastructure

- Guarded fabric
- Shielded and encryption-supported virtual machines

Module 9: Securing application development and server-workload infrastructure

- Using SCT
- Understanding containers

productivity. We assign one person to each of our corporate clients to ensure quality service, and we also offer extranet Web registration, management, reporting and billing for all clients. Simplicity, quality and outstanding service are our hallmarks.

Consulting Solutions

Consulting is about trust, service and accountability. Our consulting division is one of the fastest-growing around. Why? Clients trust us to provide excellent service and expertise. Visit our consulting section for more information.

Classroom and Computer Rentals

Need space and equipment to conduct specialized presentations or classes? We can help. With our world class classrooms and state of the art projection and presentation equipment, we take care of the details so you can have a successful presentation.

Module 10: Planning and protecting data

- Planning and implementing encryption
- Planning and implementing BitLocker
- Protecting data by using Azure Information Protection

Module 11: Optimizing and securing file services

- File Server Resource Manager
- Implementing classification and file management tasks
- Dynamic Access Control

Module 12: Securing network traffic with firewalls and encryption

- Understanding network-related security threats
- Understanding Windows Firewall with Advanced Security
- Configuring IPsec
- Datacenter Firewall

Module 13: Securing network traffic

- Configuring advanced DNS settings
- Examining network traffic with Message Analyzer
- Securing and analyzing SMB traffic