



www.compvisions.com
16 Corporate Woods Blvd.
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 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,

6427: Configuring and Troubleshooting Internet Information Services in Windows Server 2008

Description:

In this three day instructor-led course the students will learn to install, configure, maintain, and troubleshoot an Internet Information Services 7.0 Web Server in Windows Server 2008.

Course Outline:

Module 1: Configuring an IIS 7.0 Web Server

The students will be introduced to the process of installing a Web Server and configuring IIS features such as application development; health and diagnostics; HTTP features and more.

Lessons

- Introducing Internet Information Services 7.0
- Installing the Web Server Role in Windows Server 2008
- Configuring Application Development, Health, and HTTP Features
- Configuring Performance, Security, and Server component Features

Lab 1: Configuring an IIS 7.0 Web Server

- Installing IIS using Role Manager
- Installing IIS using Unattend Setup
- Installing IIS on Server Core from Command Line
- Configuring IIS and Validate Functionality

Module 2: Configuring IIS 7.0 Web Sites and Application Pools

The students will be introduced to creating and managing Web sites and application pools.

Lessons

- Introducing Web Sites and Application Pools

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.

- Creating a Web Site
- Creating an Application Pool
- Maintaining an Application Pool

Lab 1: Configuring IIS 7.0 Web Sites and Application Pools

- Configuring Authentication Types
- Creating a Web Site and Web Application
- Creating an Application Pool
- Configuring an Existing Application Pool

Module 3: Configuring IIS 7.0 Application Settings

The students will be introduced configuring application settings using ASP.NET.

Lessons

- Configuring Application Settings
- Configuring ASP.NET Security

Lab 1: Configuring IIS 7.0 Application Settings

- Configuring ASP.NET
- Configuring ASP.NET Application Development Settings
- Configuring a Web Server to Host Multiple Web Applications with Separate Application Pools
- Configuring ASP.NET Security

Module 4: Configuring IIS 7.0 Modules

The students will be introduced to configuring IIS modules.

Lessons

- Configuring Native Modules
- Configuring Managed Modules

Lab 1: Configuring IIS 7.0 Modules

- Configuring and Editing Native Modules
- Configuring and Edit Managed Modules

Module 5: Securing the IIS 7.0 Web Server and Web Sites

The students will be introduced to configuring a secure Web Server and Web sites and to using logging as a tool for monitoring security.

Lessons

- Configuring Secure Web Sites and Servers
- Configure Other Aspects of Web Server Security

- Configuring Logging for IIS 7.0

Lab 1: Securing IIS 7.0 Web Server and Web Sites

- Configuring a Secure Web server
- Configuring Authorization, Authentication and Access
- Configuring Logging

Module 6: Configuring Delegation and Remote Administration

The students will be introduced to assigning rights to Web site users and configuring users to serve as remote administrators of a server and its corresponding Web sites.

Lessons

- Configuring Remote Administration
- Configuring Delegated Administration
- Configuring Feature Delegation

Lab 1: Configuring Delegation and Remote Administration

- Configuring Remote Administration
- Configuring Delegated Administration
- Configuring Feature Delegation

Module 7: Using Command-line and Scripting for IIS 7.0 Administration

The students will learn basic scripting methods for completing IIS 7.0 administrative tasks needed to maintain Web sites and Web servers.

Lessons

- Tools for Running Administrative Tasks in IIS
- Executing Scripts for Administrative Tasks
- Managing IIS Tasks

Lab 1: Using Command-line and Scripting for IIS 7.0 Administration

- Managing IIS Web Sites with PowerShell
- Executing a Script using WAP
- Automating IIS Administration using Scripts
- Navigating IIS tasks using WMI and Appcmd

Module 8: Tuning IIS 7.0 for Improved Performance

The students will be introduced to techniques for improving Web Server performance.

Lessons

- Implementing Best Practices for Improving IIS Performance
- Configuring Options to Improve IIS Performance
- Managing Application Pools to Improve IIS Performance

Lab 1: Tuning IIS 7.0 for Performance

- Configuring IIS Performance Options
- Managing Application Pools to Improve Performance
- Deploying Applications

Module 9: Ensuring Web Site Availability with Web Farms

The students will learn to ensure Web site availability in a Web farm topology.

Lessons

- Backing Up and Restoring Web Sites
- Working with Shared Configurations
- Configuring Network Load Balancing for IIS

Lab 1: Ensuring Web Site Availability with Web Farms

- Backing Up an IIS Web Site
- Restoring an IIS Web site
- Enabling Shared Configurations
- Configuring Network Load Balancing

Module 10: Troubleshooting IIS 7.0 Web Servers

The students will learn to use audit logs to troubleshoot common Web Server related authentication, authorization, communication, and configuration error messages.

Lessons

- Using IIS 7.0 Logging for Troubleshooting
- Troubleshooting Authentication
- Troubleshooting Authorization
- Troubleshooting Communication
- Troubleshooting Configuration

Lab 1: Troubleshooting IIS 7.0 Web Servers

- Troubleshooting Authentication
- Troubleshooting Authorization Types
- Troubleshooting Communication
- Troubleshooting Configuration