



Software Learning Centers
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Commission for
Independent Education
Florida Department of Education

A Division of Moore Solutions inc

Internet Information Server 4.0: Web Site Administration (Windows NT Server 4.0)

Course specifications

Course number: 044 911
Software version number: 4.0
Course length: 3 days

Course description

Overview: Students will learn how to install, configure, and manage a Web site that is based on Microsoft's Internet Information Server 4.0.

Prerequisites: Windows NT 4.0: System Administration; Windows NT 4.0: System Architecture and Network Support; Internetworking TCP/IP with Windows NT Server 3.51 or Internetworking TCP/IP with Windows NT Server 4.0; or equivalent knowledge.

Delivery method: Instructor-led, group-paced, classroom-delivery learning model with structured hands-on activities.

Benefits: Students will learn how to install, configure, and manage a Web site that is based on Microsoft's Internet Information Server 4.0.

Target student: Students enrolling in this course should understand the material covered in the prerequisites, should be familiar with Internet-related concepts and terminology, and should be comfortable using a browser (preferably Internet Explorer) and the Internet.

What's next: This course is an elective for the Microsoft Certified Professional plus Internet (MCP+Internet), Microsoft Certified Systems Engineer (MCSE), and Microsoft Certified Systems Engineer plus Internet (MCSE+Internet) certification programs.

Performance-based objectives

- Lesson objectives help students become comfortable with the course, and also provide a means to evaluate learning. Upon successful completion of this course, students will be able to:
- Install Internet Information Server 4.0 and related Option Pack components.
- Use Internet Service Manager to manage the WWW service.
- Create virtual directories and virtual servers.
- Set up and manage an FTP site.
- Plan and implement security that includes authenticating users, securing access to files, directories, and sites, and using network-related measures.

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- Understand public key encryption, implement Secured Sockets Layer security, and install and configure Microsoft Certificate Server.
- Log activity on their site and use the Site Server Express tools to manage their site.
- Understand the architecture of IIS, monitor and manage the performance of your server, and troubleshoot their server and network.

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- Install and manage Index Server 2.0 and use its facilities for searching the content of their site.
- Explore the JavaScript, JScript, and VBScript scripting languages and the Microsoft Script Debugger; implement the Active Server Pages Web technology to produce dynamic Web pages and to connect to databases; and explore the ActiveX and Java programming technologies.
- Understand the purpose, features, and architecture of Microsoft Transaction Server.
- Enable mail (SMTP) and news (NNTP) services on their site; send and receive email messages via the SMTP Service; and create newsgroups and post messages to those newsgroups with the NNTP Service.

Course content

Lesson 1: Installing Internet Information Server 4.0

- Overview of the Internet and intranets
- Installing IIS

Lesson 2: Managing IIS

- Web site management
- The WWW service

Lesson 3: Creating virtual directories and servers

- Using virtual directories
- Configuring virtual servers

Lesson 4: The FTP service

- Creating an FTP server
- Managing FTP and setting advanced FTP options

Lesson 5: Securing your IIS site

- User authentication and local security
- Securing your site by using network-related techniques
- Managing IIS security

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Lesson 6: Securing your site with certificate-based techniques

- Encrypting and securing communications
- Installing and configuring Certificate Server

Lesson 7: Managing your site

- Managing IIS activity
- Managing with Site Server Express

Lesson 8: Monitoring and optimizing performance

- Understanding the IIS architecture

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- Monitoring IIS and your server
- Managing performance
- Troubleshooting IIS

Lesson 9: Managing Index Server 2.0

- Installing Index Server 2.0
- Managing Index Server 2.0

Lesson 10: Creating dynamic web sites

- Scripting dynamic Web pages
- Creating active content with Active Server Pages
- Linking to databases using ASP
- Programming dynamic Web pages

Lesson 11: Managing Microsoft Transaction Server 2.0

- Microsoft Transaction Server 2.0
- Lesson 12: Enabling Mail and News
- The Microsoft SMTP Service
- The Microsoft NNTP Service

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