



Introduction to Microsoft® ASP.NET

Workbook

Course Number: 2063B

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About This Course

This section provides you with a brief description of the course, audience, suggested prerequisites, and course objectives.

Description

This three-day, instructor-led course exposes students to the features of Microsoft® ASP.NET and gives them hands-on experience (practices and labs) in using and applying these features in their own Web applications.

Audience

This course is intended for Active Server Pages (ASP) Web developers. The course assumes that students are familiar with Hypertext Markup Language (HTML), client-side and server-side scripting, and Microsoft ActiveX® Data Objects (ADO).

Student Prerequisites

This course requires that students be able to do the following:

- Create forms and tables in HTML
- Write Microsoft Visual Basic® or Visual Basic Scripting Edition (VBScript code)
- Create an ASP page
- Retrieve data from a relational database by using ADO

The completion of the following courses will prepare the student to attend this course:

- 1912A, *Introduction to Web Development Technologies*
- 1017A, *Mastering Web Application Development Using Microsoft Visual InterDev® 6*

Course Objectives

After completing this course, students will be able to:

- Create a Web form with server controls.
- Separate page code from content with code-behind pages, page controls, and components.
- Display dynamic data from a data source by using ADO.NET and data binding.
- Debug ASP.NET pages by using trace.
- Use a Web service to enhance a Web application.
- Add configuration, authentication, and state management to an ASP.NET Web application.

Student Materials Compact Disc Contents

The Student Materials compact disc contains the following files and folders:

- *Autorun.exe*. When the CD is inserted into the CD-ROM drive, or when you double-click the autorun.exe file, this file opens the CD and allows you to browse the Student Materials CD or install Internet Explorer.
- *Default.htm*. This file opens the Student Materials Web page. It provides you with resources pertaining to this course, including additional reading, review and lab answers, lab files, multimedia presentations, and course-related Web sites.
- *Readme.txt*. This file contains a description of the compact disc contents and setup instructions in ASCII format (that is, in plain text; not as a Microsoft Word document).
- *2063B_ms.doc*. This file is the Classroom Setup Guide. It contains a description of classroom requirements, classroom setup instructions, and the classroom configuration.
- *AddRead*. This folder contains additional reading pertaining to this course. If there are no additional reading files, this folder does not appear.
- *Appendix*. This folder contains appendix files for this course. If there are no appendix files, this folder does not appear.
- *Democode*. This folder contains demonstration code. If there is no demonstration code, the Democode folder does not appear.
- *Flash*. This folder contains the installer for the Macromedia Flash 5.0 browser plug-in. If there are no Flash animations in the course, this folder does not appear.
- *Fonts*. This folder contains fonts that are required to view the Microsoft PowerPoint presentation and Web-based materials.
- *Labs*. This folder contains files that are used in the hands-on labs. These files may be used to prepare the student computers for the hands-on labs.
- *Media*. This folder contains files that are used in multimedia presentations for this course. If this course does not include any multimedia presentations, this folder does not appear.
- *Menu*. This folder contains elements for autorun.exe.
- *Mplayer*. This folder contains files that are required to install Microsoft Windows Media Player.
- *Practices*. This folder contains files that are used in the hands-on practices. If there are no practices, the Practices folder does not appear.
- *Sampapps*. This folder contains the sample applications associated with this course. If there are no associated sample applications, the Sampapps folder does not appear.
- *Sampcode*. This folder contains sample code that is accessible through the Web pages on the Student Materials CD. If there is no sample code, the Sampcode folder does not appear.
- *Sampsite*. This folder contains files that create the sample site associated with this course. If there is no sample site, the Sampsite folder does not appear.

- *Webfiles*. This folder contains the files that are required to view the course Web page. To open the Web page, open Windows Explorer, and in the root directory of the compact disc, double-click **Default.htm** or **Autorun.exe**.
- *Wordview*. This folder contains the Word Viewer that is used to view any Word document (.doc) files that are included on the compact disc. If no Word documents are included, this folder does not appear.

Document Conventions

The following conventions are used in course materials to distinguish elements of the text.

Convention	Use
◆	Indicates an introductory page. This symbol appears next to a topic heading when additional information on the topic is covered on the page or pages that follow it.
bold	Represents commands, command options, and syntax that must be typed exactly as shown. It also indicates commands on menus and buttons, dialog box titles and options, and icon and menu names.
<i>italic</i>	In syntax statements or descriptive text, indicates argument names or placeholders for variable information. Italic is also used for introducing new terms, for book titles, and for emphasis in the text.
Title Capitals	Indicate domain names, user names, computer names, directory names, and folder and file names, except when specifically referring to case-sensitive names. Unless otherwise indicated, you can use lowercase letters when you type a directory name or file name in a dialog box or at a command prompt.
ALL CAPITALS	Indicate the names of keys, key sequences, and key combinations—for example, ALT+SPACEBAR.
monospace	Represents code samples or examples of screen text.
[]	In syntax statements, enclose optional items. For example, <i>[filename]</i> in command syntax indicates that you can choose to type a file name with the command. Type only the information within the brackets, not the brackets themselves.
{ }	In syntax statements, enclose required items. Type only the information within the braces, not the braces themselves.
	In syntax statements, separates an either/or choice.
↙	Indicates a procedure with sequential steps.
...	In syntax statements, specifies that the preceding item may be repeated.
.	Represents an omitted portion of a code sample.
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