

Course overview:

Active Server Pages

(S120eng)



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Overview and objectives

This five-day course will teach students how to create server-side scripts using Active Server Pages (ASP). Successfully building, implementing, and executing scripts will allow the student to create fully functional Web applications.

Who should attend?

The target student for this course should have a basic understanding of Web applications and Web servers. Students should have some experience with variables, constants, arrays, collections, database management systems, HTML, and query languages. Students should be familiar with Internet Explorer and know how to create simple Web pages.

ASP Overview

- The Internet • Scripting languages • Working with Web applications

Using data

- Working with variables and constants • Working with Modules • Working with classes • ASP's object model

Arrays and collections

- Working with arrays and collections

Control structures

- Selection control structures • Repetition control structures

The FileSystemObject object

- Working with the FileSystemObject object • Working with the TextStream object • Uploading files to the server

SQL and databases for data-driven applications

- Database overview • Designing database structure • Querying databases with SQL • Modifying data

Autogenerating SQL

- Comparing different database programming interfaces • Understanding ActiveX Data Objects • ODBC and OLE DB

Moving your database from Access to SQL server

- Converting data from Access to SQL • Stored procedures

ASP and E-Commerce

- The Browser Capabilities Component • Cookies

Managing ads and tables of contents of a Web site

- The Ad Rotator component • The content linking component • Counters

Creating user-defined components in Visual Basic 6.0

- Components in Web applications

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