



Adobe Dreamweaver CS4 Dynamic Application Development

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Dreamweaver Dynamic Application Development provides students with the knowledge and hands-on practice they need to build a web application with Dreamweaver. This course, which is Windows based, focuses on teaching the fundamentals of the Dreamweaver interface, web programming languages, and databases to build a dynamic, data-driven application in ColdFusion, ASP, or PHP.

Target Student: This course is for people who want to use Dreamweaver to create data-driven web applications.

Prerequisites: Be comfortable working with the Window's operating system. Have familiarity with web terminology and understand what is required to develop a static web application. Completion of the Dreamweaver Website Development course or equivalent experience.

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

Benefits: After completing this course, you will be able to create dynamic web sites that interact with users and data. You will learn to work with forms and databases and build several interactive websites.

What's Next:

Flash Rich Content Creation Add animation and user interaction to your web site with graphics, text and sound effects.

Flash ActionScript Master fundamental programming techniques, including variables and functions, conditions, loops, event handling, and animating with ActionScript.

Acrobat/PDF Learn how to create and secure PDFs for document distribution on the Web.

Fast Track to ColdFusion Build and maintain dynamic and interactive web applications.

Performance-Based Objectives

Upon successful completion of this course, you will be able to:

- Define a site in Dreamweaver to organize and maintain its web pages, and create a basic web page by typing text and applying character and paragraph formatting.
- Pass data to and from web pages and to e-mail recipients.
- Understand how databases work and their role in website development.
- Manipulate data to perform calculations.
- Document your code with the appropriate comments.
- Use various SQL statements to populate a web page.
- Use forms to manipulate data and web pages.
- Build update pages.
- Use sessions to authenticate users.
- Differentiate between client-side and server-side validation.
- Create search strings and pages.



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3 days

Introduction

Understanding the course format
 Reviewing the course objectives and prerequisites
 Looking at the course outlines

Getting Started

Understanding static vs. dynamic pages
 Working with sites in Dreamweaver
 Learning Dreamweaver interface basics
 Developing dynamic pages
 Including common code

Using the Database Panel

Using databases on the web
 Creating a database connection
 Using the Database panel
 Using the Bindings panel to create a simple recordset
 Creating an advanced recordset using joins

Binding Data to a Page

Binding data to a page
 Using Live Data View
 Formatting data using the Bindings panel
 Inserting a dynamic image

Customizing Recordset Display

Introducing Server Behaviors
 Displaying all rows in a recordset using Repeat Region

Introducing Application Objects

Using the Recordset Navigation Bar to page through recordsets
 Displaying Recordset Navigation Status
 Using the Server Debug View

Creating Drill-down Interfaces

Creating a drill-down interface
 Generating dynamic links
 Using dynamic filters in SQL
 Using the Dynamic Table Application Object
 Creating a master-detail page set

Creating a Search Interface

Reviewing HTML Forms
 Creating dynamically populated drop-down menus
 Creating filtered recordsets

Inserting Rows into a Table

Creating a form and using the Insert Record Server

Behavior

Validating form data using Behaviors
 Creating dynamic form elements
 Using the Recordset Insertion Form Application Object

Updating Rows

Creating an interface for updating data
 Displaying results in a table using the Dynamic Table Application Object
 Creating a pre-filled form for the row to update
 Using URL parameters
 Using the Record Update Form Application Object
 Manually creating a form and applying an Update Record Server Behavior

Deleting Rows

Setting and retrieving cookies
 Authenticating users with a web application
 Building the registration pages
 Building the log-in page
 Restricting access to pages

