

# **Dreamweaver Application Development**

## **Course Description:**

Adobe Dreamweaver Application Development provides students with the knowledge and hands-on practice they need to build and manage dynamic websites using Dreamweaver and ColdFusion.

In this course, you'll learn how to connect to a database, search and display results, and build a page to update the database. If you've always dreamed of building a more advanced, data-powered site, but didn't know where to start, then this course is for you.

## **Who Should Attend:**

This course is for students who want to create data-driven web applications.

## **Course Outline:**

### **Lesson 1: Making a Website Dynamic**

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

### **Lesson 2: Working with Databases**

- Using databases on the web
- Creating a database connection
- Creating a simple Recordset
- Creating Advanced Queries
- Creating an advanced recordset using joins

### **Lesson 3: Binding Data to a Page**

- Displaying database data
- Using Live Data View
- Introducing server Behaviors
- Formatting dynamic text data
- Displaying dynamic images

### **Lesson 4: Customizing Data Display**

- Paging through Recordsets
- Creating a dynamic table
- Using server debug view

### **Lesson 5: Creating Drill-down Interfaces**

- Creating a drill-down interface
- Generating dynamic links
- Building a Drill-down interface
- Creating a master-detail interface

## **Lesson 6: Building a Search Interface**

- Creating search interfaces
- Reviewing HTML Forms
- Processing Forms
- Building a results page
- Conditionally displaying data
- Creating a flexible text search
- Creating dynamic list/menu controls
- Using advanced filters

## **Lesson 7: 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 Client-Side form validation

## **Lesson 8: Updating Rows**

- Updating Database Records
- Creating an interface for updating data
- Using the Record Update Form Wizard Application Object
- Generating Update Logic
- Creating a pre-filled form for the row to update
- Manually creating a form and applying an Update Record Server Behavior

## **Lesson 9: Authenticating Users**

- User authentication as a web application
- Building the registration pages
- Building the log-in page
- Creating an Application.cfm
- Ensuring session management is enabled
- Restricting access to pages

## **Lesson 10: Managing Content with Forms**

- Creating the admin section
- Two approaches to formatting content stored in a database
- Creating the form interface
- Using session variables and hidden fields to track users
- Inserting the record

## **Lesson 11: Building Update Pages**

- Preparing the pages
- Planning master-detail pages
- Making the detail page updatable