



### Fast Track to ColdFusion

**Fast Track to ColdFusion** is a three-day, hands-on course that teaches you how to create dynamic, database-driven web applications. You will build a web application for an art gallery and learn the best practices and design, stressing the importance of usability, optimization, and performance.

**Target Student:** This course is designed primarily for web designers who want to build and maintain dynamic and interactive web applications using ColdFusion.

**Prerequisites:** To ensure your success, you must have a basic understanding of your computer's operating system as well as a fundamental understanding of the web and static html.

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

**Benefits:** After completing this course, students will be able to publish database content, build and work with forms and a variety of interfaces, and update databases. In addition students will be able to authenticate users as well as secure access to pages.

#### What's Next:

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

**Flash ActionScript** teaches fundamental programming techniques, by introducing core concepts including instance names, variables, functions, properties, and methods; then proceeds through conditions, loops, event handling, and animating with ActionScript.

**Dreamweaver Website Development** Build a website that includes text, graphics, style sheets, tables, links, rollovers, navigation bars and forms.

**Dreamweaver Dynamic Application Development** Create dynamic websites that interact with users and data, and increase productivity using new coding features.

#### Performance-Based Objectives

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

- Set up and manage the ColdFusion development environment.
- Set up a Dreamweaver site.
- Use the ColdFusion Markup Language (CFML).
- Connect to a database.
- Build queries that retrieve data from a database and display it on web pages.
- Create a search form.
- Perform client-side and server-side validation.
- Build a data drill-down interface.
- Create insert and update interfaces.
- Incorporate custom tags, user defined functions, and ColdFusion components into your application.
- Authenticate users and secure access to pages.





## Fast Track to ColdFusion

### Getting Started with ColdFusion

- Understanding Dynamic Web Pages
- Introducing ColdFusion
- Exploring Dreamweaver CS4
- Creating ColdFusion Variables
- Displaying Variable Values
- Including Files
- Commenting Code

### Publishing Database Content

- Connecting to a Database
- Querying a Database Table
- Viewing Debug Data
- Dumping a Recordset to a Browser
- Displaying Database Data
- Using the Dynamic Table Tool
- Using the Resultset Structure Data
- Introducing CurrentRow
- Using ColdFusion Functions

### Building Forms with ColdFusion

- Understanding HTML Forms
- Enabling Debug Output
- Self-Posting Forms
- Determining Form Submission
- Evaluating Form Variables
- Introducing ColdFusion Forms

### Building Search Interfaces

- Using Form Data in Dynamic Queries
- Preserving Form Data
- Creating Dynamic SQL for Multiple Search Criteria
- Using Text Searches
- Using List Searches

### Building a Drill-Down Interface

- Using Dynamic URL Parameters
- Creating a Data Drill-Down
- Creating on-the-fly PDF Documents
- Displaying Data in a Tabbed Interface

### Inserting New Data

- Building an Insert Interface
- Building an Insert Form Page
- Validating ColdFusion Forms
- Building Insert Action Logic
- Redirecting Process Flow

### Updating and Deleting Data

- Updating Database Data
- Building an Update Form Page
- Building Update Logic
- Deleting Records from the Database
- Improving SQL Security

### Reusing Templates

- Reusing Code
- Using Custom Tags
- Using User-Defined Functions
- ColdFusion Components

### Securing an Application

- Addressing the Web's Statelessness
- Using the Application Framework
- Using Application Variables
- Persistent State Variables
- Working with Session Variables