



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 3 Days

Getting Started with ColdFusion

- Understanding Dynamic Web Pages
- Introducing ColdFusion
- Exploring Dreamweaver CS3
- 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

