



Advanced Adobe ColdFusion 8

Click here for course dates and to register.

Advanced ColdFusion is a three-day, hands-on course that provides you with the knowledge and practice to build, maintain, and scale effective web applications.

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

Prerequisites: Fast Track to ColdFusion or equivalent knowledge.

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

Benefits: After completing this course, you will be able to develop an application framework, manipulate complex data, build static and instance-based components and understand caching. In addition, you will be able to set up error handling frameworks and work with pdfs, file manipulation, and images.

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:

- Create ColdFusion components.
- Use Application Framework.
- Manipulate lists and queries.
- Manipulate data with arrays and structures.
- Create instance-based components.
- Restrict access to component methods.
- Use built in components.
- Handle errors and exceptions.
- Customize application error messages.
- Create and nest custom tags.
- Incorporate .NET integration.
- Create web services.
- Work with PDF files and forms.
- Manipulate data and files.
- Manipulate image data.
- Process images.
- Cache page results and recordsets.



Advanced Adobe ColdFusion 8 3 Days

Introduction to Components
 Creating ColdFusion Components
 Introducing CFC Syntax
 Invoking Static CFC Methods
 Using the Application Framework
 Configuring Application Settings
 Handling Application and Request Events
 Locking Shared Scope Variables
 Handling Session Events

Manipulating Lists and Queries
 Using Lists
 The Query Object
 Summarizing and Grouping Data
 Transaction Processing
 Querying a Query

Manipulating Data with Arrays and Structures
 Using Arrays
 Using Structures
 Using Built-In ColdFusion Data Structures
 Dynamically Evaluating Variables
 Combining Data Structures
 Accessing Data by Value or Reference

Advanced Component Concepts
 Instance-Based Components
 Creating Dynamic Getter/Setter Proxies with
 onMissingMethod()
 Using Built-In Components
 Prototyping Components with <cfinterface>

Handling Errors and Exceptions
 Introducing Error Handling
 Customizing Application Error Messages
 Application-Wide Error Handling
 Handling Exceptions with Try/Catch
 Exception Handling Frameworks

Code and Content Reuse
 Creating Custom Tags
 Using Custom Tag Attributes
 Setting Results on the Calling Page
 Calling Custom Tags
 Creating SFML Simple Nested Custom Tags
 .NET Integration with ColdFusion 8
 Creating Web Services
 Calling Web Services

Working with PDF Files and Forms
 Generate PDF Files from ColdFusion
 Manipulating PDF Files with <cfpdf>
 Pre-filling PDF Forms
 Posting Data from a PDF Form to ColdFusion

Data and File Manipulation in ColdFusion
 Manipulating Image Data with <cfimage>
 Reading and Storing Image Data
 Image Processing
 Creating RSS Feeds
 Consuming RSS Feeds

Scaling Applications
 Understanding and Identifying Scalability Bottlenecks
 Caching Recordsets
 Caching Generated Results with <cf_accelerate>
 Caching Entire Page Results
 Using Asynchronous Processes to Improve Performance

