



## **Adobe ColdFusion Professional for Developers**

**Overview:** Students will learn how to create dynamic and database-driven Web sites with ColdFusion.

**Prerequisites:** Students should take the following courses: HTML 4.0: Level 1, HTML 4.0: Level 2, SQL Fundamentals (SQL Advanced is also recommended), Fundamentals of Programming. JavaScript Programming course is recommended, but not required.

**Course Length:** 2 Days

### **Course Content:**

#### **Lesson 1: Introduction to ColdFusion**

Overview of ColdFusion

#### **Lesson 2: Getting Started With CFML**

Getting Started With CFML  
-using Templates

#### **Lesson 3: ColdFusion and Databases**

ColdFusion and Databases  
ColdFusion Database Administration  
Querying a Database and Displaying the Results  
ColdFusion Debugging Tools

#### **Lesson 4: Creating a Forms-based Search Application**

ColdFusion and Forms  
Using Conditional Logic  
Dynamically Populating Form Fields and Caching Queries  
Preventing Improper Access to Action Pages

#### **Lesson 5: Creating a Keyword Search Application**

Creating Smart Search Applications

#### **Lesson 6: Building a Drill-down Application**

Choosing the Right Formatting  
Enabling Data Drill-down  
Outputting Images Dynamically

#### **Lesson 7: Searching and Paging Through Results**

Browsing Previous/Next Record Sets

## **Lesson 8: Updating, Inserting, and Deleting Records**

Updating Records

Adding Records

Deleting Records

## **Lesson 9: Validating Form Fields**

Validating Form Input

A More Customized Approach to Form Field Validation

Re-populating Forms After Submission

## **Lesson 10: Using the ColdFusion Application Framework**

Designing With the Application Framework

Exploring Persistent Variables

Establishing Basic Security

## **Lesson 11: Displaying Personalized Content**

Gathering User Preferences

Logging in Users Automatically

## **Appendix A: Installation Whitepaper**

