

# Adobe Dreamweaver CS4 Website Development

Duration: 3 days

Time: 10am - 6pm. Breaks are scheduled throughout the day and lunch is typically scheduled between 12-1pm

Course Materials: Vendor Authorized Courseware provided

Locations: Reston, VA / On-Site

## Course Synopsis

Adobe Dreamweaver Website Development is a 3-day course that provides web designers with the knowledge and hands-on practice they need to build and manage professional web sites using industry standard for professional web development and design. This class introduces the student to the fundamentals of Dreamweaver with an emphasis on best practices and current web standards.

## Who Should Attend

This course is for people new to web design and development and would like to use Dreamweaver to build intuitive, attractive and accessible web sites. This class will cover design techniques as well as best practices for CSS and design standards.

## Prerequisites

Because of the amount of material we cover in class, we do require students to be comfortable using a mouse, opening and saving files, and the general operations of computers. While we will make every reasonable effort to help, students with insufficient skills may be required to observe the class lessons or do their best to keep up without slowing down the rest of the class.

## What You Will Learn

- Dreamweaver Interface Basics
- Getting started with web design and layout
- Working with text and images
- Creating links and anchors
- Designing for devices with CS4
- Building Successful Site Navigation
- Building forms in Dreamweaver
- Fireworks CS4 integration
- Accessibility and Standards
- Site maintenance

## Lesson 1: Dreamweaver CS4 Jumpstart

- \* Starting up
- \* What is Dreamweaver?
- \* Design and layout tools
- \* Site management and File Transfer Protocol
- \* Coding environment and text editor
- \* Who uses Dreamweaver?
- \* What's new in Dreamweaver CS4?
- \* New user interface
- \* Live View
- \* Related files
- \* Code Navigator
- \* CSS improvements
- \* HTML data sets
- \* Photoshop smart objects
- \* Other new features
- \* Adobe AIR authoring support
- \* Subversion
- \* An overview of features
- \* How web sites work
- \* A simple flow chart
- \* Domain names and IP addresses
- \* Servers and web hosts
- \* The role of web browsers
- \* An introduction to HTML
- \* Tag structure and attributes
- \* The structure of an HTML document
- \* Placing images in HTML
- \* Colors in HTML
- \* Case sensitivity and whitespace rules
- \* Tag hierarchy
- \* XHTML 1.0 Transitional
- \* What's the difference?
- \* Explorations in code
- \* A look at the Welcome Screen
- \* Creating, opening, and saving documents
- \* Creating new documents
- \* Self study
- \* Review

## Lesson 2: Setting Up a New Site

- \* Starting up
- \* Creating a new site
- \* Advanced site-creation options
- \* Adding pages
- \* Saving a page to your site
- \* Defining page properties
- \* Work views
- \* A look at the Files panel
- \* Viewing local files
- \* Selecting and editing files
- \* Files panel options
- \* Changing the Files panel view
- \* Self study
- \* Review

## Lesson 3: Adding Text and Images

- \* Starting up
- \* Typography and images on the web
- \* Adding text
- \* An introduction to styles
- \* Previewing pages in a web browser
- \* Understanding hyperlinks
- \* Creating hyperlinks
- \* Relative versus absolute hyperlinks
- \* Linking to an e-mail address
- \* Creating lists
- \* Using the Text Insert panel
- \* Inserting images
- \* Image resolution
- \* Image formats
- \* Creating a simple gallery page
- \* Linking images
- \* Using image placeholders
- \* Editing images
- \* Adjusting brightness and contrast
- \* Resizing images
- \* Updating images
- \* Self study
- \* Review

## Lesson 4: Styling Your Pages with CSS

- \* Starting up
- \* What are Cascading Style Sheets?
- \* A little bit of ancient history: when <font> tags roamed the Earth
- \* The dawn of CSS
- \* How do you create CSS rules in Dreamweaver?
- \* Understanding Style Sheets
- \* Understanding why they're called Cascading
- \* Creating and modifying styles
- \* Creating a class style with the Property Inspector
- \* Creating and modifying styles in the CSS Styles panel
- \* Advanced text formatting with CSS
- \* Fine-tuning page appearance with contextual and pseudo-class selectors
- \* Div tags and CSS IDs
- \* Internal versus external style sheets
- \* Attaching an external style sheet to your page
- \* Modifying attached style sheets
- \* Creating a new .css file (external style sheet)
- \* Self study
- \* Adobe Device Central
- \* Review

## Lesson 5: Creating Page Layouts with CSS

- \* Starting up
- \* The CSS Box model
- \* The basics of CSS margins, padding, and borders
- \* Reviewing the <div> element
- \* Reviewing the ID selector
- \* Positioning content with AP Divs
- \* Creating your first boxes with Draw AP Div
- \* Centering your page with relative positioning
- \* Making layouts cross-browser compatible
- \* Adding columns and headers to a layout
- \* Absolute versus relative positioning
- \* Adding a global navigation
- \* Box overlap and z-index
- \* Reordering <div> elements
- \* Adding additional content and styles
- \* Setting margins, padding, and borders
- \* Overriding default margins in CSS
- \* Futureproofing your layout
- \* Moving the internal styles
- \* Self study
- \* Review

## Lesson 6: Working with Tables

- \* Starting up
- \* Using tables in web design
- \* Importing table data
- \* Selecting table elements
- \* Modifying table size
- \* Modifying table structure
- \* Creating a table
- \* Formatting and styling tables in HTML
- \* Formatting and styling tables with CSS
- \* Advanced CSS styling of tables
- \* Controlling cell alignment, padding, and borders with CSS
- \* Creating alternate row styling with CSS
- \* Reusing CSS for other tables
- \* Data sorting tables
- \* Self study
- \* Review

## Lesson 7: Fine-Tuning Your Workflow

- \* Starting up
- \* Customizing panels and panel groups
- \* Using the Favorites tab on the Insert bar
- \* Resizing the document window
- \* Using guides
- \* Using grids
- \* The tag selector
- \* Switching between tabs and cascading documents
- \* Zooming
- \* Self study
- \* Review

## Lesson 8: Adding Flash, Video, and Sound Content

- \* Starting up
- \* Making web content interesting
- \* Inserting Flash movies
- \* Adding video
- \* Flash Video
- \* QuickTime video and Windows Media
- \* Inserting sound
- \* Self study
- \* Review

## Lesson 9: Maximizing Site Design

- \* Starting up
- \* Creating modular page elements
- \* Introducing snippets
- \* The Snippets panel
- \* Creating new snippets
- \* Introducing library items
- \* Modifying and updating library items
- \* Introducing templates
- \* Creating a new template
- \* Working with editable regions
- \* Creating new pages from templates
- \* Modifying templates
- \* Repeating regions
- \* Putting repeating regions into action
- \* Detach from Template command
- \* Self study
- \* Review

## Lesson 10: Under the Hood: Editing in the Code View

- \* Starting up
- \* Getting to your code
- \* Accessing code with the tag selector
- \* Editing an HTML tag with the Quick Tag Editor
- \* Inserting tags with the Tag Chooser
- \* Inserting and editing comments
- \* Working in the Code view
- \* The Coding toolbar
- \* Collapsing and expanding tags and code blocks
- \* Validating your code
- \* Highlighting and correcting invalid code
- \* Using the Check Page menu
- \* The Validate Markup option
- \* Formatting code
- \* Indenting
- \* Self study
- \* Review

## Lesson 11: Building Web Forms

- \* Starting up
- \* Forms in everyday (web) life
- \* How forms work
- \* Building a contact form
- \* Inserting the <form> tag
- \* Setting form properties
- \* Adding form elements
- \* Adding text fields
- \* Adding checkboxes
- \* Adding radio buttons
- \* Adding radio groups
- \* Adding lists and menus
- \* Adding a text area
- \* Adding a File Upload field
- \* Creating Submit and Reset buttons
- \* Styling forms with CSS
- \* Attaching external styles
- \* Setting a background color
- \* Styling form elements
- \* Applying the .label style
- \* Form processing and validation
- \* Adding form validation
- \* A look at the Behaviors panel
- \* Setting an event or trigger
- \* Previewing the button behavior
- \* Validating form fields
- \* Changing a form field's behavior order
- \* Verifying field contents
- \* Self study
- \* Review

## Lesson 12: Working with the Spry Framework

- \* Starting up
- \* Introducing the Spry Widgets
- \* The Spry framework for AJAX
- \* What is AJAX?
- \* A look at the project
- \* The Spry Menu bar
- \* Customizing Spry Widgets with CSS
- \* The Spry Tabbed panel
- \* The Spry Accordion panel
- \* The Spry Collapsible panel
- \* Working with Spry Data Widgets
- \* What is XML?
- \* Creating a Spry XML data set
- \* Adding a Spry Data Widget: The Spry Repeat List
- \* Styling and fine-tuning data widgets
- \* Self study
- \* Review

## **Lesson 13: Managing Your Web Site: Reports, Optimization, and Maintenance**

- \* Starting up
- \* Working with the Files panel
- \* Creating a remote connection
- \* Viewing files on a remote web server
- \* Transferring files to and from a remote server with Get and Put
- \* Using Check In/Check Out and Design Notes
- \* Check In and Check Out
- \* Using Design Notes
- \* Sharing Design Notes
- \* Displaying Design Notes in the Files panel
- \* Testing site integrity
- \* Using Check Links
- \* Checking links sitewide
- \* Generating site reports
- \* Understanding report results
- \* Addressing a listed item
- \* Saving reports
- \* The Browser Compatibility Check
- \* The CSS Advisor
- \* Optimizing pages for launch
- \* Search engine visibility and Search Engine Optimization
- \* Titling your documents with the <title> tag
- \* Adding meta keywords and descriptions
- \* Describing images with alternate text
- \* Launching your site
- \* Site Launch Checklist
- \* Uploading your site
- \* Getting help and using the reference guides
- \* The Reference panel
- \* Suggested next steps
- \* Self study
- \* Review

## Lesson 14: Using Legacy Tools: Frames and Tables

- \* Starting up
- \* Legacy sites
- \* How frames work
- \* Advantages and disadvantages of frames
- \* Common frame usage
- \* Creating framesets
- \* Selecting frames
- \* Selecting framesets
- \* The Frames panel
- \* Setting frameset properties
- \* Setting frame properties
- \* Splitting a frame
- \* Dragging a frame border
- \* Specifying frame content
- \* Targeting frames
- \* Linking to outside web pages
- \* Using `_top` to replace a frameset
- \* Adding `<noframes>` content
- \* Using tables for layout
- \* Tables versus CSS
- \* Inserting a table
- \* Selecting tables
- \* Modifying tables
- \* Setting table borders
- \* Merging cells
- \* Nesting a table inside a row
- \* Specifying column widths
- \* Adding content to tables
- \* Adding another table
- \* Formatting tables
- \* Other ways to work with tables
- \* Deleting rows and columns Importing table data
- \* Self study
- \* Review