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## Dreamweaver MX 2004: Designing & Developing Web Sites

**Course Length:** 2 Days

### Course Description

As a prospective Web developer, you'll need to create both individual pages and to fit those files in an entire site structure. Thus far, you may have some knowledge of the underlying HTML structure of Web pages and affiliated technologies such as JavaScript and Cascading Style Sheets, but haven't used Dreamweaver to apply them to live sites. In this course, you'll learn to take full advantage of Dreamweaver's efficient interface for developing a static site with text, images, media, navigation elements, and forms. By applying its site management tools, you'll ensure that the site you create works as you intended for the widest possible audience.

**Course Objective:** You will use Dreamweaver's graphical page-building interface to efficiently develop and manage static Web sites that feature text, graphics, multimedia, navigation, and form elements.

**Target Student:** The target student is the professional who wants to use Dreamweaver MX 2004 to design and develop Web pages with a WYSIWYG application, but who also has the ability to understand and work with the architecture and coding of Web pages. Students are those in small companies or departments within large companies who use Web technologies for electronic communication through the use of new technologies. Some examples of target customers are advertising agencies, marketing agencies, and groups involved in intranet and extranet production.

**Prerequisites:** Experience with Windows Operating Systems. Familiarity with Web technologies and various Web browsers. Basic working knowledge of HTML, JavaScript, and CSS. Basic understanding of design and media applications such as FreeHand and Fireworks.

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

### Performance-Based Objectives

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

- Create a Web site structure on your local machine.
- Add text content to a site.
- Format text.
- Work with images.
- Add navigation elements to a site.
- Structure pages.
- Streamline workflow with libraries and templates.
- Develop forms.
- Test, maintain, and upload a site.

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## Course Content

### Lesson 1: Creating a Web Site Structure on Your Local Machine

- Topic 1A: Explore Dreamweaver Basics
- Topic 1B: Define a Local Site
- Topic 1C: Add HTML Pages to a Local Site
- Topic 1D: Set Document Properties

### Lesson 2: Adding Text Content to a Site

- Topic 2A: Import Text Content
- Topic 2B: Clean Microsoft Word-generated HTML
- Topic 2C: Add Structural Elements to HTML Documents
- Topic 2D: Insert Date and Time Data
- Topic 2E: Add Special Characters to HTML Documents
- Topic 2F: Alter HTML Tags

### Lesson 3: Formatting Text

- Topic 3A: Alter Font and Text Characteristics
- Topic 3B: Familiarize Yourself with CSS
- Topic 3C: Create and Apply CSS Styles
- Topic 3D: Export CSS Styles
- Topic 3E: Create an External Style Sheet
- Topic 3F: Link External Style Sheets to HTML Pages
- Topic 3G: Edit Styles

### Lesson 4: Working with Images

- Topic 4A: Insert Images into a Web Page
- Topic 4B: Modify Image Properties
- Topic 4C: Edit Images
- Topic 4D: Optimize Images with Macromedia Fireworks
- Topic 4E: Add a Flash Movie to a Dreamweaver File

### Lesson 5: Adding Navigation Elements to a Site

- Topic 5A: Link to Files in Your Site
- Topic 5B: Link to a Named Anchor
- Topic 5C: Link to an Email Address
- Topic 5D: Add Links to an Image
- Topic 5E: Alter Link Properties
- Topic 5F: Link to another Web Site
- Topic 5G: Update Links
- Topic 5H: Create Interactive Navigation Elements

### Lesson 6: Structuring Pages

- Topic 6A: Examine Page Structure
- Topic 6B: Present Data in Tables
- Topic 6C: Structure Pages with Tables in Layout Mode
- Topic 6D: Import a Delimited Text File
- Topic 6E: Modify Tables
- Topic 6F: Structure Pages with Layers

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Topic 6G: Control Layers Dynamically  
Topic 6H: Convert Between Tables and Layers

**Lesson 7: Streamlining Workflow with Libraries and Templates**

Topic 7A: Add Library Items to Pages  
Topic 7B: Modify and Update Library Items  
Topic 7C: Create and Apply Site Templates  
Topic 7D: Modify Templates

**Lesson 8: Developing Forms**

Topic 8A: Create a Form  
Topic 8B: Set Focus in a Form

**Lesson 9: Testing, Uploading, and Maintaining a Site**

Topic 9A: Check Spelling and Accessibility  
Topic 9B: Check and Fix Links  
Topic 9C: Check Browser Compatibility  
Topic 9D: Run Site Reports  
Topic 9E: Add a Remote Site  
Topic 9F: Upload Files to a Remote Site  
Topic 9G: Synchronize Files