

Microsoft Expression Web Introduction / Intermediate - 2 days

Overview

This Expression Web training course is for students interested in learning Microsoft Expression Web to design attractive, CSS-based, scalable web sites and front-ends for web-based applications.

Course Objectives

By the end of this course students will be able to:

- Build, deploy, and maintain interactive web sites
- Layout text on pages using HTML and CSS
- Create and maintain hyperlinks to pages on other sites, pages within the same site, and to points within the same page
- Control styles and page layout with CSS
- Add interactive behaviors
- Create tables

Prerequisites

No prior knowledge of web development is required. Students should be familiar with basic Windows' operations and using the Internet.

Exercises

This course is instructor led, involving the utilisation of examples and exercises in a workshop environment.

Introduction to Expression Web

- What is Microsoft Expression Studio?

Introduction to the Web and HTML

- Client-Server Model
- Definition of HTTP
- Static pages vs. Dynamic pages (ColdFusion, ASP, ASP.NET, PHP, etc.)
- What is a "webmaster?"

Exploring Expression Web

- Expression Web Interface
- Task Panes in Expression Web
- Expanding and Collapsing Task Panes
- Code View vs. Design View
- Using the Toolbars
- Using the Visual Aids

Creating Sites

- Creating Template-based Sites
- Creating New Pages in a Template Site
- Creating a Page from Scratch
- Creating a Page using CSS Layout
- Previewing in Browser
- Import Site Wizard

Working with Text and Page Format

- HTML Structural Tags
- Changing the HTML Title with Expression Web
- Format Font, Size, Color and other Text Properties
- Heading and Block Level Code
- Creating Bulleted Lists
- Pasting Text
- Inserting Horizontal Rules and other HTML tags
- Inserting Special Characters

Behavior: Jump Menu

- Adding the Jump Menu Behavior
- How to Select the First Option? Adding a "Go" Button
- A little JavaScript lesson

Creating Links

- Adding Links
- Adding ScreenTips
- E-mail
- Changing Links
- Removing Links
- Link within Page (Bookmarks)

Images & Backgrounds

- Inserting Images
- Note about Accessibility and the alt attribute
- Adding a Background Image
- Editing Images Directly in Expression Web

Interactive Buttons & Rollover Images

- Adding the Swap Image Behavior
- Adding Interactive Buttons

Auto Thumbnail

- Auto Thumbnail Options

Image Maps (Hotspots)

- Add a Map with "Hot Spots" to the Locations Page

Cascading Style Sheets

- Quick Lesson in CSS Selectors
- Manage CSS Styles with Expression Web
- Creating a New Style
- Applying CSS Classes to Page Content
- Attaching an Existing Style Sheet
- Moving Styles to an External Style Sheet

Page Layout with CSS Layers

- Designing Layouts with pre-built "CSS Layouts"
- Using CSS Layers in Expression Web

Behaviors

- What is JavaScript?
- Events vs. Actions

Behavior: Open Browser Window

- Creating Fake Links with JavaScript

Behavior: Change Property (Dynamic Visibility)

- Changing Font, Font Color, Borders
- Open Browser Window
- Dynamic Visibility

Tables

- Add a Table with Staff Information to the "Contact Us" page
- Page Layout with Tables (optional)
- Merge Cells