

Microsoft Expression Web Advanced - 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. It also includes an introduction to working with ASP.NET in Expression Web.

Course Objectives

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

- Design fill-in forms
- Publish their site to a web server
- Build front-ends for applications whose back-ends will later be written by developers
- Build pages that allow users to select, insert, update, or delete database records
- Use ASP.NET validators to validate user input

Prerequisites

Attendance of our Microsoft Expression Web Introduction/Intermediate course or equivalent knowledge.

Exercises

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

Forms

- Using Expression Web to Create Forms
- HTML Form Elements

Introduction to ASP.NET

- Static pages vs. Dynamic pages

Validating User Input with ASP.NET

Validation Controls

- HTML Form Elements vs. ASP Form Controls
- ASP.NET Validation Control
- Testing with Validators
- Summarizing Results with ValidationSummary Control

Navigation Menus with Flyouts

- Adding the Menu
- Adding Elements to the Menu

Data Binding

- Database Basics: Introduction to SQL

Creating an ASP.NET Connection

- Using the SQLDataSource Control
- Displaying Data in a Bulleted List with a List Bound Control
- Using a SQL Alias to Combine Two Columns

Displaying Data with GridView Control

- Using the GridView
- Paging through Records
- Creating Sortable Columns
- Using AutoFormat
- Changing Column Headings

Editing and Deleting Records with GridView

Building a Drill-Down

- Introducing the AutoPostBack
- Using a SQL Alias to Combine Two Columns
- Showing all Movies by an Actor
- Showing all Movies in a Genre (SELECT DISTINCT)

Building a Search Feature

Inserting Records with FormView Control

Using Master Pages and Templates

Using Meta Tags to Optimize Search Engine Placement

- Keywords
- Description

Site Management Information

- Find and Replace
- Hyperlink Report
- Compatibility Checker
- CSS Reports