

SBC2010 - SharePoint 2010 Brand Camp

SharePoint 2010 Brand Camp is an intensive 4-day course for Web designers and developers that need to learn SharePoint-specific techniques to design Web pages and brand Websites in a SharePoint 2010 environment. You will learn how to override and extend the core CSS rules that give SharePoint 2010 sites their standard look and

feel. You will also learn how to design, implement and deploy custom master pages that work equally well in Team Sites and Publishing Sites. The course provides extra coverage of branding topics specific to Publishing sites such as creating a site taxonomy, configuring navigation and designing page layouts. This course motivates the need for adding custom client-side behavior behind pages in SharePoint 2010 sites and demonstrates how to accomplish this by writing JavaScript code and by leveraging the jQuery libraries. The course also includes a lecture on Visual Upgrade where you will be taught how to manage site content and branding projects when migrating from a SharePoint 2007 environment to SharePoint 2010. The final lecture focuses on development techniques and discusses how to use SharePoint project in Visual Studio 2010 to deploy your custom branding files into a solution package to achieve the highest levels of reusability and maintainability across site collections and across SharePoint 2010 farms.

Audience: Web Designer

Format: Hands-On

Length: 4 Days (8hrs/day)

Registration: \$2,495

Student Audience / Prerequisites

Students should have a basic knowledge of HTML and CSS and should have experience in SharePoint working with team sites and publishing portals. It is also recommended (but not required) that students have previous experience with JavaScript programming and a Web design tool such as SharePoint Designer, ColdFusion or Dreamweaver.

info@CriticalPathTraining.com

www.CriticalPathTraining.com

@criticalpath

866 475 4440



scan for full
course details!



Complete list of all courses & upcoming schedule - www.CriticalPathTraining.com

SBC2010 - SharePoint 2010 Brand Camp - Modules List

Module 01: Introduction to SharePoint Branding

This introductory lecture provides an overview for Web designers beginning to work in a SharePoint 2010 environment. There will be a quick review of SharePoint terminology and architecture in which students will be introduced to essential SharePoint design concepts such as site collections, master pages, the Master Page Gallery and the Style Library. The lectures concludes with a discussion which highlights the similarities and differences between Team Sites and Publishing Sites from the perspective of a Web designer who is working on a custom branding project.

Topics Covered:

- SharePoint Branding Overview
- SharePoint Architecture
- Introduction to SharePoint Designer 2010
- Anatomy of a Team Site
- Anatomy of a Publishing Portal

Lab Exercises:

- Exercise 1: Connect to the Collaboration Site Collection
- Exercise 2: Navigating with a Site Collection
- Exercise 3: Working with Wiki Pages
- Exercise 4: Adding New List Items using Dialogs

Module 02: CSS Primer for SharePoint Web Designer

This lecture begins with a discussion of HTML DOCTYPES used in SharePoint 2010 and provides a quick review session covering the syntax for creating and applying CSS rules. Emphasis is given to using modern CSS styling to layout Web pages with floating div elements and to control scrolling. This lecture discusses how SharePoint 2010 integrates a CSS file named corev4.css to provide a common set of CSS rules behind every page in SharePoint 2010 and teaches you the options you have for providing your own custom CSS rules which override and extend the CSS rules inside corev4.css. The lecture concludes with a discussion of how themes are implemented in SharePoint 2010 and discusses the limitations that prevents themes from providing an effective approach for creating a reusable branding solution.

Topics Covered:

- Why CSS?
- CSS Fundamentals and Syntax
- Tools for discovering CSS class names
- Using CSS in SharePoint 2010
- Themes

Lab Exercises:

- Exercise 1: Working with SharePoint Designer
- Exercise 2: Floating a div element
- Exercise 3: Creating Columns with CSS
- Exercise 4: Changing the Display property of a div element to inline-block
- Exercise 5: Overriding CSS Rules from corev4.css

scan for full
course details!



Module 03: Creating a Web Site Design

This lecture begins by examining the essential questions must be asked at the start of any SharePoint 2010 branding project such as what will be the target screen resolution and which browsers will be supported and need to be integrated into the testing phase. The lecture will also cover the why and how of creating important design documents such as wireframes and design comps. There will also be a discussion of using slices in a professional design tool such as Adobe Photoshop or Microsoft Expression Design to generate image files that will be used to implement the final Web site design. The lecture concludes with a discussion of how to create an initial page layout using HTML and CSS that meets the requirements of your project.

Topics Covered:

- Project Planning
- Creating a Wireframe
- Creating a Design Comp
- Moving the Design into HTML and CSS

Lab Exercises:

- Exercise 1: Implementing a Design with HTML and CSS

Module 04: Customizing Master Pages

This lecture begins by reviewing the ASP.NET syntax required to work with master pages and by examining the full list of the 34 placeholders controls defined in the standard master pages such as v4.master. There will be a walkthrough of the standard master page named v4.master from top to bottom in which you will learn about the built-in SharePoint controls that are used to link to CSS files and JavaScript files and to provide essential aspects of the SharePoint user interface such as the three common navigation controls. The lecture concludes with a demonstration of how to reconfigure the master page for a Team Site and to customize this master page using SharePoint Designer 2010 to create a design with a fixed page width.

Topics Covered:

- ASP.NET Syntax for Master Pages
- The Master Page Gallery
- Walkthrough of v4.master
- Customizing v4.master

Lab Exercises:

- Exercise 1: Customizing v4.master with a custom footer
- Exercise 2: Linking A Master Page to a custom CSS file
- Exercise 3: Customizing a Master Page with a fixed width

scan for full
course details!



Module 05: Creating a Custom Master Page

This lecture discusses how to design and implement custom master pages by beginning with a minimal starter master page. You will learn about the essential placeholders and SharePoint controls that must be added to any master page running in a SharePoint 2010 environment and the instructor will demonstrate how to integrate these controls into a custom page design. The lecture also discusses the best practice of placing certain navigation controls inside delegate controls to ensure your custom master pages work equally well in Team sites as well as Publishing sites.

Topics Covered:

- Creating a Starter Master Page
- Configuring Sites with a Custom Master Page
- Implementing and Testing a Design
- Customizing Navigation

Lab Exercises:

- Exercise 1: Examine the Starter Master Page

Module 06: Designing a Publishing Site

The lecture focuses on the Web Content Manage (WCM) features offered by Publishing Sites in SharePoint Server 2010. You will learn how Publishing sites provide extended functionality for content authoring, content approval, site branding and overall page design using Publishing page. There will be a discussion about information architecture and designing a taxonomy of sites which makes it easier for users to search for and navigate to the information they need. The lecture will also demonstrate how to leverage the built-in support in Publishing sites for uploading and integrating custom master pages and CSS files and for tuning the navigation settings on a site-by-site basis.

Topics Covered:

- Introduction to Publishing Sites
- Publishing Site Taxonomy
- Adding Pages and Sites
- Configuring a Custom Master Page
- Customizing Navigation

Lab Exercises:

- Exercise 1: Creating a New Publishing Portal
- Exercise 2: Configuring the Site Master Page and System Master Page
- Exercise 3: Adding Content to the Publishing Site
- Exercise 4: Uploading and Configuring Custom Master Pages

scan for full
course details!



Module 07: Designing Page Layouts

This lecture steps through the process of designing and implementing page layouts from start to finish. You will learn about the fundamentals of creating site columns and content types and discover how to leverage the useful site columns and content types provided by the Publishing features of SharePoint Server 2010. You will also learn essential techniques in SharePoint Designer 2010 for creating and implementing custom page layouts such as creating field controls by dragging and dropping site columns from the toolbox. This lecture also discusses configuring Publishing sites to enable and disable the use of specific page layouts and site templates and demonstrates techniques for designing page layouts with Web Part Zones for scenarios where it makes sense to allow users to add Web Parts to Publishing pages.

Topics Covered:

- Page Layouts Overview
- Site Columns and Content Types
- Creating a New Page Layout with SPD
- Configuring Page Layouts and Site Templates

Web Parts

Lab Exercises:

- Exercise 1: Creating Custom Page Layouts

Module 08: Working with XSLT

This lecture takes the practical approach of teaching you what you need to know about XSLT to become proficient with using this technology in a SharePoint 2010 environment. The lecture begins by explaining the basic concepts and syntax required to write and test simple XSL transforms. Next, you will learn about the various places XSLT can be used in SharePoint 2010 and you will discover how to customize the XSLT code used behind the XML Viewer Web Part and the Core Search Results Web Part. The lecture ends with a demonstration of leveraging the productivity of the XSLT List View Web Part together with the visual XSLT designers provided by SharePoint Designer 2010.

Topics Covered:

- World's Fastest Introduction to XSLT
- Overview of XSLT use in SharePoint 2010
- The XSLT List View Web Part

Lab Exercises:

- Exercise 1: Performing Transforms with the XML Viewer Web Part
- Exercise 2: Generating HTML Elements with Dynamic Attribute Values
- Exercise 3: Generating div Elements to Display Images
- Exercise 4: Working with the XSTL List View Web Part

scan for full
course details!



Module 09: Working with JavaScript

This lecture provides a quick review of the fundamental concepts of JavaScript programming including creating anonymous functions and creating JavaScript objects with object initialization syntax. There will also be a quick primer on using the DOM to access and manipulate elements on an HTML page. The heart of the lecture focuses on the reusable JavaScript libraries that are built-in to the SharePoint 2010 environment including ASP.NET AJAX and the SharePoint 2010 JavaScript Class Libraries. You will learn best practice programming techniques for registering client-side event handlers, executing AJAX requests across the network and using modal dialogs to interact with users.

Topics Covered:

- JavaScript Programming Fundamentals
- Writing JavaScript for SharePoint Pages
- ASP.NET AJAX Libraries
- SharePoint 2010 JavaScript Libraries

Lab Exercises:

- Exercise 1: Adding JavaScript to a page in a SharePoint site
- Exercise 2: Using JavaScript to dynamically create HTML elements
- Exercise 3: Retrieving content from across the network with AJAX requests
- Exercise 4: Performing a Client-side XSLT Transform

Module 10: Integrating jQuery into a SharePoint 2010 Site

This lecture introduces the fundamental concepts and programming syntax required to get up and running with jQuery . You will learn how to call the jQuery function with various types of selectors to retrieve wrapped sets of HTML elements so you can manipulate their properties such as their contents, position and their CSS styles. The lecture discusses how to register client-side event handlers the jQuery way focusing techniques that result in less code. The lecture also includes coverage of advanced jQuery topics such as executing AJAX calls across the network and leveraging the jQuery UI library to build custom jQuery themes and to leverage advanced jQuery UI controls such as the Accordion component and the Tabs component.

Topics Covered:

- jQuery Fundamentals
- jQuery Programming
- jQuery UI

Lab Exercises:

- Exercise 1: Getting Started with jQuery
- Exercise 2: Working with jQuery Selectors
- Exercise 3: Creating an Image Toolbar
- Exercise 4: Leveraging the jQuery UI Accordion

scan for full
course details!



Module 11: Migration and Visual Upgrade

This lecture takes a deep dive into the internals of the Visual Upgrade feature of SharePoint 2010 to provide a solid understanding of what happens when migrated sites run in either of the two supported user interface modes. The lecture begins by discussing the critical aspects of the SharePoint 2007 user interface that are carried forward to SharePoint 2010 so that migrated sites can continue to run using the older 2007 user interface. The lecture also discusses how to migrate sites can be upgraded to use the new user interface mode and goes into detail about exactly what happens behind the scenes when switching from one mode to another. Emphasis in this lecture is given to teaching Web designers and developers what is required when updating SharePoint 2007 branding project and migrating custom content to the SharePoint 2010 environment.

Topics Covered:

- Motivation for Visual Upgrade
- The Mechanics of Visual Upgrade
- Updating Branding Assets for SharePoint 2010

Lab Exercises:

- Exercise 1: Working in SharePoint 2010 Sites running in UIVersion 3 Mode
- Exercise 2: Upgrading Sites to use the new SharePoint 2010 User Interface
- Exercise 3: Write a PowerShell Script to Update a Site's UIVersion Property

Module 12: Deployment using Features and Solutions

This lecture takes what you have learned in earlier lectures and shows you how to package your custom branding files in a more reusable fashion using solution packages. More specifically, you will learn how to create custom branding solutions that are reusable, version-able and instantly deployable in any SharePoint 2010 environment. The lecture will demonstrate how to create SharePoint projects in Visual Studio 2010 that include features and template files to deploy custom master pages, CSS files and page layouts within the scope of a target site collection. You will also learn how to add custom C# code to a feature receiver and to program using the SharePoint server-side object model so can create features which automatically configure all the sites within a site collection to use one of your custom master pages upon feature activation.

Topics Covered:

- Understanding Solution Packages and Features
- Developing with Visual Studio 2010
- Creating a Custom Branding Solution
- Creating Solutions to Deploy Page Layouts

Lab Exercises:

- Exercise 1: Creating a new Site Collection for Testing Purposes
- Exercise 2: Creating a New SharePoint Project with a Feature
- Exercise 3: Adding a Module to Deploy a Custom Master Page
- Exercise 4: Adding a Module to Deploy Files to the Style Library
- Exercise 5: Adding a Feature Receiver to Apply Branding Attributes
- Exercise 6: Adding an Event Receiver to Brand Child Sites

scan for full
course details!

