



SharePoint 2010 Branding & Web Design

Target Audience

Web Designers

Course Description

SharePoint 2010 Brand Camp is an intensive 3-day course that teaches SharePoint-specific design techniques and best practices used in building pages and branding SharePoint sites. Emphasis is given to techniques that promote ease of deployment, reusability and maintenance across site collections and across SharePoint farms.

You will learn how to customize and extend the built-in CSS rules that give SharePoint sites their standard look and feel. You will also learn how to design and implement SharePoint 2010 master pages as well as how to leverage the Visual Upgrade features of SharePoint 2010 to migrate a branding solution that was originally created for SharePoint 2007. Student will complete lab exercises using SharePoint Designer 2010, Internet Explorer and Firefox. Students will also get hands on experience with popular Web design tools such as Firebug and the Internet Explorer Developer Tools. On the final day of class student will learn about the techniques required to package up and deploy master pages, CSS files and images using SharePoint features and solution packages to achieve the greatest level of control and flexibility in SharePoint deployment, reusability and versioning.

Student 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 a Web design tool such as SharePoint Designer, ColdFusion or Dreamweaver.



Course Modules

The following modules are included in the course. All modules include a 2-5 exercise hands-on-lab (HOL) for students to perform in a lab environment that should take roughly 45-75 minutes each.

Introduction to SharePoint Branding

- Overview of SharePoint Branding Options
- The New SharePoint 2010 User Interface
- Anatomy of a Team Site
- Master Pages and the Master Page Gallery
- Anatomy of a Publishing Portal
- Master Pages in a Publishing Portal

CSS Primer for SharePoint Web Designers

- CSS Fundamentals: Cascade and Specificity
- DocType Understanding Definitions
- Overview of CSS rules defined in COREv4.CSS
- Discovering CSS class names using Firebug and the Internet Explorer Developer Tools
- Adding custom CSS rules to a master page

Web Site Design

- Overview of the Web site design process
- Creating a Wire Frame
- Creating Design Comps
- Using Slices to Create Web-ready Images
- Implementing a Page Design with HTML and CSS

Working with Master Pages

- Overview of the syntax used in Master Pages
- Understanding the standard SharePoint Master Page (v4.master)
- Customizing a Master Page using SharePoint Designer 2010
- Overriding the standard placeholders in v4.master
- Understanding the purpose of delegate controls

Creating a Custom Master Page for a Team Site

- Creating the Minimal Master Page for SharePoint 2010
- Adding a Custom Master Page to the Master Page Gallery
- Configuring a Site to use a Custom Master Page
- Linking the Master Page to a Custom CSS file in the Style Library
- Managing Master Pages on a site collection-wide basis

Designing the Structure of a Publishing Portal

- Understanding the Publishing features of SharePoint Server 2010
- Overview of Publishing Pages and Page Layouts
- Designing Content Types for Publishing Pages
- Designing Page Layouts using Field Controls
- Creating a Publishing Pages and Choosing a Page Layout

Page Layouts in a Publishing Portal

- Overview of Page Layouts
- Site Columns & Content Types
- Creating a New Page Layout with SharePoint Designer 2010



- Configuring Page Layouts & Site Templates
- Web Parts

Working with XSLT in SharePoint 2010

- World's Fastest Introduction to XSLT
- Overview of where XSLT is used in SharePoint 2010
- Modifying XSLT using SharePoint Designer 2010
- Working with the XSLT List View Web Part
- Working with the Content Query Web Part
- Formatting Search Results using XSLT

Working with JavaScript in SharePoint 2010

- JavaScript Syntax Fundamentals
- Adding JavaScript to a Master Page
- Linking a Master Page to a custom JavaScript file
- Understanding the built-in JavaScript libraries in SharePoint 2010
- Programming with built-in libraries such as sp.js
- Introduction to the SharePoint 2010 Client Object Model

Integrating jQuery into a SharePoint 2010 Site

- jQuery Programming Fundamentals
- jQuery Selectors
- Using jQuery to update document elements
- jQuery Controls and Dialogs
- jQuery Templates