



Microsoft® Windows® SharePoint® Designer 2010: Level 2

Course Specifications

Course length: 1.0 day(s)

Course Description

Course Objective: You will extend a SharePoint site by including server-side controls and administer a SharePoint site.

Target Student: This course is intended for entry-level SharePoint solution developers who are currently capable of creating basic SharePoint sites using the out-of-the-box functionality provided by the built-in SharePoint Designer templates, and who now want to extend or create SharePoint sites with functionality by incorporating server web controls, data controls, customized workflows, and administration.

Course Objectives

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

- Provide user interactivity to their websites using ASP.NET forms.
- Implement custom content types.
- Integrate SharePoint sites with other data sources.
- Manipulate external data sources.
- Implement advanced data integration techniques.
- Create different types of workflows.
- Administer a SharePoint site using administration tools in SharePoint Designer 2010.

Prerequisites: To ensure your success in this course, you should be able to create basic SharePoint sites using existing SharePoint Designer templates. You can attain

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this level of skill and knowledge by taking the *Microsoft® Windows® SharePoint® Designer 2010: Level 1* course prior to this course.

Course Outline

Module 1: Overview

A simple introduction module.

After completing this module, students will be able to:

- Understand your course, classroom, classmates, facility and instructor.

Module 2: 2010 Changes

In this module we are going to take a look at some of the major changes between SharePoint Designer 2007 and SharePoint Designer 2010.

Lessons

- Changes

After completing this module, students will be able to:

- Describe the changes to SharePoint Designer 2010

Module 3: User Interface

In this module we take a look at common features of the basic team site.

Throughout this course we will create and manage several different pieces of content and the team site will be our site of choice for doing this! Understanding this site is the center piece of starting your journey of understanding SharePoint and applying it to you everyday life!

Lessons

- New SharePoint Features

Lab : SharePoint Designer Interface

- Explore new interface of SharePoint Designer
- Review new work areas of Designer

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- Browse Site Pages
- Browse Master Pages
- Browse Lists and Libraries
- Browse Workflows
- Browse Content Types
- Browse Data Sources
- Browse Entities
- Explore Site Structure

Lab : SharePoint Designer (Basics)

- Create a new site
- Create a new page
- Create a new master page
- Attach a master page
- Create a list
- Change list settings
- Create Content Type
- Create/Modify CSS

Lab : SharePoint Designer (Basics)

- Check-In/Check-Out
- Add Web Parts
- Add Web Part Zone
- Adding Images (_images directory)
- Reset to Site Definition

After completing this module, students will be able to:

- Describe the new UI features of the basic team site
- Log in and out of a site
- What the Quick Launch bar is
- Describe the Security Trimmed Interface of SharePoint
- Know where to create items on a site
- Find out who has access to a site
- Understand how to undelete items on a site (recycle bin)

Module 4: Data Views

In this module we are going to take a look at Data Views and Data Sources.

Lessons

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- Data Sources and Data Views

Lab : Data Views

- Create/Manage Data Views
- Create/Manage Data Sources
- Merge Two Data Sources
- Link Two Data Sources
- Data View Parameters

After completing this module, students will be able to:

- How to create and use Data Views and Data Sources

Module 5: External Content Types

In this module we are going to take a look at the new Business Connectivity Services (BCS), the replacement/new version of Business Data Catalog (BDC).

Lessons

- Business Connectivity Services

Lab : External Content Types

- Explore External Content Types
- Create a new External Content Type
- Create an External List

After completing this module, students will be able to:

- Understand what BCS is
- How to create and use Entities with SharePoint Designer

Module 6: Workflows

In this module we are going to take a look at implementing workflows with SharePoint Designer 2010.

Lessons

- In this module we are going to take a look at implementing workflows with SharePoint Designer 2010.

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Lab : Built In Activities (2007)

- Use one of each Built-In Activity (2007)

Lab : Built In Activities (2010)

- Use one of each Built-In Activity (2010)

Lab : LoopingWorkflow

- Create a looping set of workflows

Lab : Create a looping set of workflows

- Create Reusable Workflows (Site/Global)
- Export a workflow to Visio
- Import a workflow from Visio
- Save as Template

Lab : ModifyOOBWorkflow

- Modify Out Of Box Workflows

After completing this module, students will be able to:

- Build workflows with SharePoint Designer 2010
- Understand how to edit built in workflows
- Implement logging in your workflows

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