

This course provides existing .NET developers with practical information and labs that enables them to build solutions on the Microsoft SharePoint 2010 platform.

Course Objectives:

- Write code that extends SharePoint 2010
- Add and support code to an existing project
- Write code for and test custom features in a SharePoint solution such as a Visual Web Part or Event Receiver
- Implement a solution designed by lead SharePoint Developer

Audience: Professional developers who use Microsoft SharePoint 2010 in a team-based, medium-sized to large development environment. Experienced users of Microsoft Visual Studio 2008 SP1 and understands how to use the new features of SharePoint 2010 and Visual Studio 2010.

Prerequisites: Developing Microsoft ASP.NET Web Applications Using Visual Studio .NET and Advanced Web Application Development using Microsoft ASP.NET.

Number of Days: 5 days

1	<p>Introduction to the SharePoint 2010 Development Platform</p> <p>SharePoint 2010 as a Development Platform</p> <p>SharePoint 2010 Object Hierarchy</p> <p>Working with SharePoint 2010 Objects</p>		<p>Working with SharePoint Lists Programmatically</p> <p>Working with List Data Programmatically</p>
2	<p>Working with SharePoint 2010 Objects</p> <p>Developing SharePoint Sites by Using SharePoint Designer 2010</p> <p>Developing SharePoint Solutions by Using Visual Studio 2010</p> <p>Packaging and Deploying SharePoint 2010 Solutions</p>	5	<p>Creating Event Receivers and Application Settings</p> <p>Creating Event Receivers</p> <p>Working with Web.Config Programmatically</p>
3	<p>Developing SharePoint 2010 Web Parts</p> <p>Developing Standard Web Parts</p> <p>Developing Connected Web Parts</p> <p>Developing Visual Web Parts</p>		<p>Developing Solutions by Using Business Connectivity Services</p> <p>Business Connectivity Services Overview</p> <p>Developing External Content Types and Lists by Using SharePoint Designer</p> <p>Developing Business Connectivity Services Solutions by Using Visual Studio 2010</p>
4	<p>Working with SharePoint Objects on the Server</p> <p>Working with SharePoint Sites Programmatically</p>	7	<p>Developing SharePoint 2010 Workflows</p> <p>Creating Workflows with SharePoint Designer</p> <p>Creating Workflows with VS 2010</p>

- 8 Working with Client-Based APIs for SharePoint 2010**
 - Overview of the SharePoint 2010 Client Object Model
 - Working with the SharePoint 2010 Client Object Model in .NET Applications
- 9 Developing Interactive User Interfaces**
 - Creating Menu Items and Ribbon Controls
 - Creating Client-Side Dialogs
- 10 Developing Silverlight Applications for SharePoint**
 - Creating Silverlight Applications for SharePoint 2010
 - Deploying and Debugging Silverlight Applications for SharePoint 2010
- 11 Developing Sandboxed Solutions**
 - Sandboxing and User Solutions
 - Restrictions for Sandboxed Solutions
- 12 Working with SharePoint Server Profiles and Taxonomy APIs**
 - User Profiles
 - Taxonomies
- 13 Developing Content Management Solutions**
 - Developing Enterprise Content Management Solutions
 - Developing Web Content Management Solutions