



## **SharePoint 2010 Course Content:35-40hours**

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### Course Outline

#### **Introduction to SharePoint**

- Introduction to SharePoint
- Introduction to Windows SharePoint Server
- Introduction to Microsoft Office SharePoint Server
- Other Key SharePoint Development Areas

#### **Windows SharePoint Services**

- WSS Basics
- Content Types and Sites Columns
- Templates and Features

#### **SharePoint Site Collections and Sites**

- SharePoint Site Collection Overview
- Creating a Site and Sub Site
- Managing and Using Site Templates
- Managing Site Security

#### **Working with Pages and Web Parts**

- Understanding Web Part Pages
- Creating Pages
- Understanding Web Parts
- Adding Web Parts to a Page

#### **Working with Lists**

- What are Lists?
- Creating Lists
- Creating and Using Site Columns
- Customizing List Views



- Understanding List Security

### **Working with Documents and Libraries**

- What are Libraries?
- Office Integration Features
- Creating Libraries
- Enabling Check-In/Check-Out
- Enabling Notifications
- Information Management Policies

### **Navigation and Search**

- Navigation Settings
- Customizing Navigation
- Performing Simple and Advanced Searches
- Using Keywords and Best Bets

### **Personalizing SharePoint**

- Managing Alerts
- Using My Sites
- Using My Links

### **Microsoft Office SharePoint Server**

- InfoPath Services
- Excel Services
- Reporting and Dashboards
- Business Data Catalog
- Single Sign on Service
- SharePoint Search

### **Web Part Framework**

- Web Part Framework Basics
- Creating Web Parts
- Connectible Web Parts
- Debugging and Deploying Web Parts

### **Workflow**

- Workflow Basics
- Workflow Object Model
- No code Workflow

- Workflows with SharePoint Designer
- Workflows with VS 2005
- Deploying Workflows using Features

### **Advanced SharePoint Development**

- SharePoint Object Model
- Event Handlers
- SharePoint Web Services
- Application Integration

### **Introduction - Out of the Box BPA**

- Understanding Business Process Automation
- Using Task Lists

### **SharePoint Designer Workflows**

- Understanding the Workflow Designer
- Defining Steps Using Conditions and Actions
- Using Lookups and Dynamic Routing
- Creating Forms and Using Variables
- Extending SharePoint Designer with Custom Activities

### **SharePoint and ASP.NET Forms**

- Modifying List Forms Using SharePoint Designer

### **InfoPath Forms**

- Creating InfoPaths Forms
- Using Form Libraries and Data Connection Libraries
- Using InfoPath Forms in Office 2007

### **Creating Custom Workflows**

- Creating Sequential Workflows
- Creating State Machine Workflows

### **Business Data Catalog**

- Configuring the BDC
- Connecting to External Databases
- Connecting to Web Services
- Using the BDC Web Parts

## Excel Services

- Configuring Excel Services
- Using the Calculation Engine
- Using the Excel Web Parts
- Key Performance Indicators
- Report Center

## Customizing Search Center

- Search Center Lite
- Search Center with Tabs
- Search Web Parts
- Search Scopes
- Usage Reporting and Keyword Optimization

## Managing the Server

- Deploying Features
- Using STSADM
- Common Tasks
- Troubleshooting
- Managing Site Quotas

## Introduction to SharePoint Development

- Modes of Development: Configuration, Customization and Solution Development
- Site Collections and Sites
- Creating and Customizing Lists and Libraries
- Using Web Part Pages

## Features

- Types of Features
- Feature Scopes
- Feature Activation, Dependencies, and Stapling
- Feature Receivers

## Styles and Themes

- Style Basics
- Associating Styles with Pages
- Using and Creating Themes

## Master Pages



- ASP.NET Master Page Basics
- Master Pages in SharePoint
- Creating a Custom Master Page

### **Creating User Controls and Web Parts**

- User Controls
- Web Parts
- Delegate Controls

### **Advanced List Concepts**

- Manipulating Lists and List Items Programmatically
- Lists and Cross-site queries
- Events
- Custom Field Types