



Course 20488B

Developing Microsoft SharePoint Server 2013 Core Solutions

Course Length : 40 Hours
Professional Series : 5 Days
Academic Series : 6 Weeks

Module 1: SharePoint as a Developer Platform

- Introducing the SharePoint Developer Landscape
- Choosing Approaches to SharePoint Development
- Understanding SharePoint 2013 Deployment and Execution Models

Module 2: Working with SharePoint Objects

- Understanding the SharePoint Object Hierarchy
- Working with Sites and Webs
- Working with Execution Contexts

Module 3: Working with Lists and Libraries

- Using List and Library Objects
- Querying and Retrieving List Data
- Working with Large Lists

Module 4: Designing and Managing Features and Solutions

- Understanding Features and Solutions
- Configuring Features and Solutions
- Working with Sandboxed Solutions

Module 5: Working with Server-Side Code

- Developing Web Parts
- Using Event Receivers
- Using Timer Jobs
- Storing Configuration Data

Module 6: Managing Identity and Permissions

- Understanding Identity Management in SharePoint 2013
- Managing Permissions in SharePoint 2013
- Configuring Forms-Based Authentication
- Customizing the Authentication Experience

Module 7: Introducing Apps for SharePoint

- Overview of Apps for SharePoint
- Developing Apps for SharePoint

Module 8: Client-Side SharePoint Development

- Using the Client-Side Object Model for Managed Code
- Using the Client-Side Object Model for JavaScript
- Using the REST API with JavaScript

Module 9: Developing Remote Hosted SharePoint Apps

- Overview of Remote Hosted Apps
- Configuring Remote Hosted Apps
- Developing Remote Hosted Apps

Module 10: Publishing and Distributing Apps

- Understanding the App Management Architecture
- Understanding App Packages
- Publishing Apps
- Installing, Updating, and Uninstalling Apps

Module 11: Automating Business Processes

- Understanding Workflow in SharePoint 2013
- Building Workflows by using Visio 2013 and SharePoint Designer 2013
- Developing Workflows in Visual Studio 2012

Module 12: Managing Taxonomy

- Managing Taxonomy in SharePoint 2013
- Working with Content Types
- Working with Advanced Features of Content Types

Module 13: Managing Custom Components and Site Life Cycles

- Defining Custom Lists
- Defining Custom Sites
- Managing SharePoint Sites

Module 14: Customizing User Interface Elements

- Working with Custom Actions
- Using Client-Side User Interface Components
- Customizing the SharePoint List User Interface

Module 15: Working with Branding and Navigation

- Creating and Applying Themes
- Branding and Designing Publishing Sites
- Tailoring Content to Platforms and Devices
- Configuring and Customizing Navigation