

20488BC

Developing Microsoft
SharePoint Server 2013
Core Solutions

5 DAYS

In this course, students learn core skills that are common to almost all SharePoint development activities. These include working with the server-side and client-side object models, developing and deploying features, solutions, and apps, managing identity and permissions, querying and updating list data, managing taxonomy, using workflow to manage business processes, and customizing the user interface.

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