

20489BC

Developing Microsoft
SharePoint Server 2013
Advanced Solutions

5 DAYS

This course provides SharePoint developers the information needed to implement SharePoint solutions using Enterprise Search, Managed Metadata Service (MMS), Business Connectivity Services (BCS), Enterprise Content Management (ECM), Web Content Management (WCM), Social Computing features and SharePoint Apps.

Module 1: Creating Robust and Efficient Apps for SharePoint

Apps for SharePoint
Communicating with SharePoint from an App
Authenticating and Authorizing Apps for SharePoint
Designing Apps for Performance

Module 2: Developing Managed Metadata Solutions

Managed Metadata
Configuring Managed Metadata Term Sets
Working with Managed Metadata Fields

Module 3: Interacting with the Search Service

SharePoint 2013 Search Service
Building Search Queries with KQL and FQL
Executing Search Queries from Code

Module 4: Customizing the Search Experience

Customizing Query Processing
Customizing Search Results
Configuring Result Types and Display Templates
Customizing Content Processing

Module 5: Implementing Enterprise Content Management

Working with eDiscovery
Working with Content Management
Automating Records Management

Module 6: Developing a Publishing Site for Web Content

Programming with the Web Content Publishing API
Developing Page Components for Web Content Publishing

Module 7: Structuring and Publishing Websites for All Users

Website Structure and Navigation
Publishing Content
Publishing to Mobile Devices
Multi-language sites using Variations

Module 8: Developing Optimized Internet Sites

Optimizing a SharePoint Site for Search Engines
Optimizing Performance and Scalability

Module 9: Working with Business Connectivity Services

Business Connectivity Services in SharePoint 2013
Creating BDC Models in SharePoint Designer
Creating BDC Models in Visual Studio 2012

Module 10: Creating Advanced Business Data Connectivity Models

Configuring BDC Models for Search
Developing Custom Connectivity Components
Working with External Events and Notifications

Module 11: Working with Business Data In Client Applications

Working with Business Data in Composite Solutions
Working with Business Data in Custom Solutions
Working with Business Data in Client Applications

Module 12: Managing and Accessing User Profile Data

User Profile Data in SharePoint 2013
Options for Accessing User Profile Data
Managing User Profile Data
Managing User Profile Properties

Module 13: Developing Microsoft SharePoint Server 2013 Advanced Solutions

Overview of the Social Workload
Developing Social Solutions
Working with Feeds

Module 14: Monitoring and Troubleshooting Custom SharePoint Solutions

Debugging SharePoint Apps in Visual Studio
Diagnosing Faults in Deployed Apps
Testing Performance and Scalability