

Chapter 1: Getting Started Overview Learn about fundamental Windows SharePoint Services (WSS) concepts and terminology Learn about the principles of site provisioning Learn about customization opportunities with WSS Explore the out-of-the-box collaboration features of WSS Learn about development opportunities for extending WSS.

- Site Provisioning
- Site Customization
- WSS as a Development Platform
- Creating Your First Feature

Chapter 2: SharePoint Architecture Overview Review important concepts and terms for IIS and ASP.NET. Understand how Windows SharePoint Services (WSS) extends the ASP.NET routing infrastructure. Understand the difference between site pages and application pages. Learn to create custom application pages.

- ASP.NET 2.0 Frameworks
- WSS Integration with ASP.NET
- Creating Custom Application Pages

Chapter 3: Pages and Design Overview understand the benefits and restrictions of safe mode processing. Learn how to design site pages with controls and Web Part zones. Learn how to customize the master page used by site pages. Learn how to customize the Windows SharePoint Services (WSS) navigation infrastructure. Learn best practices for branding WSS sites.

- Site Page Fundamentals
- Designing Site Pages by Using Controls
- Master Pages
- Branding WSS Sites by Using CSS Files

Chapter 4: Web Parts Overview Understand the difference between traditional ASP.NET development and SharePoint development using Web Parts. Understand fundamental Web Part development, debugging, and deployment techniques for WSS. Understand and implement personalization and customization in Web Parts. Build connectable Web Parts. Work with Web Parts through the SharePoint Site Model.

- Web Parts

Chapter 5: AJAX Web Parts Overview Understand the fundamentals of AJAX programming. Learn how to program with the ASP.NET AJAX Framework. Learn how to program and consume a service-oriented API by using XML data streams and Web services. Implement AJAX components within Web Parts. Use the SharePoint AJAX Toolkit to create rich Internet applications on the WSS platform.

- Building Rich Internet Applications with ASP.NET AJAX
- Building AJAX Web Part Parts for WSS

Chapter 6: Lists and Content Types Overview Understand the conceptual data model of WSS content storage. Program against lists, items, and fields with the WSS object model. Understand and create type definitions for site columns and content types. Develop features that contain custom list types. Write event handlers and bind them to WSS lists.

- Lists and Content Types
- Event Receivers

Chapter 7: Document Libraries Overview Program with the SPDocumentLibrary class. Access documents as SPListItem and SPFile objects. Configure document libraries with custom document templates. Work with InfoPath and forms libraries. Generate documents with the Office Open XML file formats.

- Working with Document Libraries
- Forms Libraries and Microsoft Office InfoPath
- Office Open XML File Formats

Chapter 8: SharePoint Workflows Overview Learn the fundamental concepts of the Windows Workflow Foundation (WF). Learn to create WF programs using the Microsoft Visual Studio workflow designer. Understand what value WSS provides on top of the WF. Learn how to develop workflow templates for WSS. Learn how to integrate workflow input forms with WSS workflow templates.

- Windows Workflow Foundation
- SharePoint Workflows
- Developing Custom Workflow Templates
- Integrating Workflow Input Forms

Chapter 9: Solutions and Deployment Overview Learn how to package components into site definitions. Learn how to deploy applications by using WSS features. Localize Web Parts, features, and site definitions by using Microsoft Visual Studio resources. Create installers for Enterprise and Commercial deployments by using solution packages. Create language packs for solution packages.

- Site Definitions
- Application Deployment through Features
- WSS Globalization and Localization
- Deployment Using Solution Packages
- Language Packs

Chapter 10: Application Security Overview Learn the basics of code access security and trust levels. Configure application trust levels by using solution packages. Understand WSS authentication and authorization. Work with WSS security classes and interfaces.

- Trust Levels and Code Access Security
- Authentication, Authorization, and Identities
- User Impersonation with the User Token