

SharePoint Modern Sites Development and Transition

Modern information architecture, SPFx extensions and accessible design

FA-0692 · 3 days

Software Development · Automation, RPA & Power Platform

Introduction

This three-day course helps SharePoint practitioners move from classic-site assumptions to modern sites and supported customisation patterns. Participants compare capabilities, configure a sample site and develop a bounded client-side solution.

The focus is SharePoint in Microsoft 365, with classic and retired features reviewed as transition considerations. Modern pages, permissions, accessible design, SharePoint Framework and Power Platform integration are introduced without promising a complete enterprise migration.

Learning outcomes

- Compare classic and modern experiences and identify transition constraints.
- Plan team or communication sites and explain hub association and permission boundaries.
- Configure a sample modern site and build a selected SPFx web part or extension.
- Explain Power Apps, Power Automate, PnP PowerShell and API integration options.
- Apply supported themes, navigation and accessibility practices to a sample design.

Prerequisites

- Basic understanding of SharePoint's architecture and components.
- Familiarity with web development concepts, including HTML, CSS, and JavaScript.
- Experience in using SharePoint classic sites is beneficial but not mandatory.

Hands-on work requires an authorised development tenant/site and a supported SPFx toolchain.

Training outline

1. Day 1 – Modern sites and transition planning

Introduction to SharePoint

- Evolution from Classic to Modern
- Overview of SharePoint Modern Sites

Comparative Analysis: Classic vs. Modern Sites

- Interface and Navigation

Features Comparison

- Enhanced Features in Modern Sites
- Classic capabilities without direct modern equivalents and suitable replacement patterns

Foundation of Modern Sites

- Modern Site Architecture
- Team and communication sites; hub registration and site association
- Out-of-the-box Capabilities

2. Day 2 – Supported development and integration

Setting Up a Modern Site

- Site Creation and Configuration
- Permissions and Security

Development Tools and Frameworks

- SharePoint Framework (SPFx)
- Power Apps and Power Automate Integration
- PnP PowerShell and SharePoint REST APIs with supported authentication and scoped permissions

Developing Custom Solutions

- Building Web Parts and Extensions

Integrating Custom Code

- Client-side Web Parts
- Retired SharePoint Add-in/ACS patterns and transition to SPFx or suitable supported integrations

3. Day 3 — Design, branding and usability

Design Principles for Modern Sites

- User Experience (UX) Design
- Accessibility Standards

Customizing and Branding

- Site Themes and Designs
- Custom Pages and Navigation

Advanced Features and Best Practices

- Search configuration and supported extensibility options
- Mobile Responsiveness
- Leveraging Microsoft 365 Ecosystem