



# Developing Microsoft SharePoint Server 2013/2016 Core Solutions



## Course Description:

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.

## Target Group:

The course is intended for professional developers who develop solutions for SharePoint products and technologies in a team-based, medium-sized to large development environment. While some familiarity with SharePoint solution development is required, candidates are not expected to have prior experience with the new features in SharePoint Server 2013. The ideal candidate is a technical lead with at least four years of SharePoint and web development experience. The candidate is responsible for designing custom code for projects that are deployed to or interact with SharePoint environments.

## Prerequisites

- ◆ A working knowledge of using Visual Studio to develop solutions.
- ◆ A working knowledge of Visual C# and the .NET Framework 4.5.
- ◆ A basic understanding of ASP.NET and server-side web development technologies, including request/response and the page lifecycle.
- ◆ A basic understanding of AJAX and asynchronous programming techniques.
- ◆ A basic working knowledge of client-side web technologies including HTML, CSS, and JavaScript.
- ◆ Familiarity with approaches to authentication and authorization, including claims-based authentication.

## Course Contents:

1. SharePoint as a Developer Platform
2. Working with SharePoint Objects
3. **Module 3:** Working with Lists and Libraries
4. **Module 4:** Designing and Managing Features and Solutions
5. **Module 5:** Working with Server-Side Code
6. **Module 6:** Managing Identity and Permissions
7. **Module 7:** Introducing Apps for SharePoint
8. **Module 8:** Client-Side SharePoint Development
9. **Module 9:** Developing Remote Hosted SharePoint Apps
10. **Module 10:** Publishing and Distributing Apps
11. **Module 11:** Automating Business Processes
12. **Module 12:** Managing Taxonomy
13. **Module 13:** Managing Custom Components and Site Life Cycles
14. **Module 14:** Customizing User Interface Elements
15. **Module 15:** Working with Branding and Navigation

