



Training: Microsoft
MS-20488 Developing Microsoft SharePoint Server 2013 Core Solutions

Microsoft Partner
Gold Learning

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Digital materials	950 EUR	5 days
Traditional	CTAB Tablet	1050 EUR	5 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

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.

CONSPECT:

- 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
 - Working with Features
 - Deploying 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: Managing Custom Components and Site Lifecycles
 - Component Overview
 - Defining Custom Lists
 - Defining Custom Sites
 - Managing SharePoint Sites
- Module 8: Introducing Apps for SharePoint
 - Overview of Apps for SharePoint
 - Developing Apps for SharePoint
- Module 9: Client-Side SharePoint Development
 - Using the Client-Side Object Model for JavaScript
 - Using the REST API with JavaScript
- Module 10: Developing Remote Hosted SharePoint Apps
 - Overview of Remote Hosted Apps
 - Configuring Remote Hosted Apps
 - Developing Remote Hosted Apps
- Module 11: Publishing and Distributing Apps
 - Understanding the App Management Architecture
 - Understanding App Packages
 - Publishing Apps
 - Installing, Updating, and Uninstalling Apps
- Module 12: 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 13: Managing Taxonomy

- Managing Taxonomy in SharePoint 2013
- Working with Content Types
- Working with Advanced Features of Content Types
- 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

REQUIREMENTS:

Before attending this course, students must have:

- A working knowledge of using Visual Studio 2010 or Visual Studio 2012 to develop solutions.
- A basic working knowledge of SharePoint solution development, either in SharePoint 2013 or in earlier versions of SharePoint.
- 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.

Difficulty level



CERTIFICATE:

The participants will obtain Microsoft certificates.

TRAINER:

Microsoft Certified Trainer.