

20488 Developing Microsoft® SharePoint® 2013 Core Solutions

Prehľad

Students will learn core skills that are common to almost all SharePoint development activities, including server-side and client-side object models, developing and deploying features, solutions, and apps, managing identity and permissions, and querying.

Vzdelávacie ciele

After completing this course, students will be able to:

- Design and manage features and solutions.
- Develop code for custom server-side components.
- Manage and customize authentication and authorization.
- Create custom sites and lists and manage the site lifecycle.
- Explain the capabilities and design choices for SharePoint apps.
- Use the client-side object model and the REST API.
- Develop provider-hosted and auto-hosted SharePoint apps.
- Distribute and deploy SharePoint apps.
- Create custom workflows to automate business processes.
- Use fields and content types to manage taxonomy.
- Customize the appearance and behavior of user interface elements.
- Customize navigation and site branding.

SharePoint as a Developer Platform

Introducing the SharePoint Developer Landscape
 Choosing Approaches to SharePoint Development
 Understanding SharePoint 2013 Deployment and Execution Models
 Lab : Comparing Web Parts and App Parts

Working with SharePoint Objects

Understanding the SharePoint Object Hierarchy
 Working with Sites and Webs
 Working with Execution Contexts
 Lab : Working with Sites and Webs
 Lab : Working with Execution Contexts

Working with Lists and Libraries

Using List and Library Objects
 Querying and Retrieving List Data
 Working with Large Lists
 Lab : Querying and Retrieving List Data
 Lab : Working with Large Lists

Designing and Managing Features and Solutions

Understanding Features and Solutions
 Configuring Features and Solutions
 Working with Sandboxed Solutions
 Lab : Working with Features and Solutions

[Online registrácia](#)

Termíny

Trvanie kurzu (v dňoch): 5 Days

G2R = "Garantovaný termín" | OLL = "Online LIVE"
 ILT = "Kurz vedený inštruktorom"

06/17/19	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 0.00
09/23/19	G2R	3:00PM - 11:00PM	Bratislava, Slovakia	OLL	€ 0.00

Working with Server-Side Code

Developing Web Parts
Using Event Receivers
Using Timer Jobs
Storing Configuration Data
Lab : Working with Server-Side Code

Managing Identity and Permissions

Understanding Identity Management in SharePoint 2013
Managing Permissions in SharePoint 2013
Configuring Forms-Based Authentication
Customizing the Authentication Experience
Lab : Managing Permissions Programmatically in SharePoint 2013
Lab : Creating and Deploying a Custom Claims Provider

Introducing Apps for SharePoint

Overview of Apps for SharePoint
Developing Apps for SharePoint
Lab : Creating a Site Suggestions App

Client-Side SharePoint Development

Using the Client-Side Object Model for Managed Code
Using the Client-Side Object Model for JavaScript
Using the REST API with JavaScript
Lab : Using the Client-Side Object Model for Managed Code with JavaScript

Developing Remote Hosted SharePoint Apps

Overview of Remote Hosted Apps
Configuring Remote Hosted Apps
Developing Remote Hosted Apps
Lab : Configuring a Provider Hosted SharePoint App
Lab : Developing a Provider Hosted SharePoint App

Publishing and Distributing Apps

Understanding the App Management Architecture
Understanding App Packages
Publishing Apps
Installing, Updating, and Uninstalling Apps
Lab : Publishing an App to a Corporate Catalog
Lab : Installing, Updating, and Uninstalling Apps

Automating Business Processes

Understanding Workflow in SharePoint 2013
Building Workflows by using Visio 2013 and SharePoint Designer 2013
Developing Workflows in Visual Studio 2012
Lab : Building Workflows in Visio 2013 and SharePoint Designer 2013
Lab : Creating Workflow Actions in Visual Studio 2012

Managing Taxonomy

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

Managing Custom Components and Site Life Cycles

Defining Custom Lists
Defining Custom Sites
Managing SharePoint Sites
Lab : Managing Custom Components and Site Life Cycles

Customizing User Interface Elements

Working with Custom Actions
Using Client-Side User Interface Components
Customizing the SharePoint List User Interface
Lab : Using the Edit Control Block to Launch an App
Lab : Using jQuery to Customize the SharePoint List User Interface

Working with Branding and Navigation

Creating and Applying Themes
Branding and Designing Publishing Sites
Tailoring Content to Platforms and Devices
Configuring and Customizing Navigation
Lab : Branding and Designing Publishing Sites
Lab : Configuring Farm-Wide Navigation
