

# SharePoint 2013 for Developers en environnement Visual Studio

Hands-on course of 5 days - 35h

Ref.: HPD - Price 2024: CHF3 220 (excl. taxes)

## THE PROGRAMME

last updated: 01/2018

### 1) Introduction to development in SharePoint 2013

- Architecture and artifacts.
- Web Application Model and SharePoint in the Cloud
- Documentation and best practices.
- Recommended outside tools.

### 2) Server Object Model

- The main spaces and subspaces of names.
- Managing common objects SPWeb, SPList, etc.
- Managing application pages and error pages.
- Managing authorizations and auditing the SharePoint farm.
- Windows projects and SharePoint projects (SPContext).

*Hands-on work : Working with the Server Object Model via application pages.*

### 3) Visual Web Parts

- Developing and deploying a visual Web Part.
- Customizing a Web Part's property window.
- Developing a connection between two Web Parts.
- Customizing a Web Part's menu.

*Hands-on work : Creating visual Web Parts.*

### 4) Flow management

- Default flows.
- Developing a flow with SharePoint Designer 2013 and VS 2012.
- Creating activities. Deploying flows.

*Hands-on work : Creating a flow involving validation, document transfers, and tasks.*

### 5) Data management

- Managing list data: CAML and LINQ queries.
- Managing external data via BCS.
- WCF Data Services and oData queries.
- Synchronous and remote event receivers

*Hands-on work : Writing queries*

### 6) Client Object Model (CSOM)

- Object Model for .NET, JavaScript, Silverlight.

*Hands-on work : Designing a Web App via ECMAScript.*

### 7) Customizing the user interface

- Customizing v4.master and creating styles.
- Customizing the menus via CustomAction.
- Customizing the ribbon via CommanUIExtension.

#### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

#### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

#### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

#### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@ORSYS.fr](mailto:psh-accueil@ORSYS.fr) to review your request and its feasibility.

- SP.UI infrastructure for dialogue boxes.

*Hands-on work : Customizing menus and the ribbon.*

## 8) Deploying solutions

- SharePoint WSP solutions and diagram of a feature (SPFeature).
- Artifacts deployed and activated via a feature.
- Events attached to features.
- Notion of "Feature Stapling".
- Managing the updating of SharePoint applications.

*Hands-on work : Deploying an application.*

# DATES

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## REMOTE CLASS

2025 : 17 Mar, 02 Jun, 08 Sep, 17  
Nov