Microsoft 365 and SharePoint Online: Developer
Remote AVIT® certification optional

Hands-on course of 4 days - 28h
Ref.: OFB - Price 2025: 2 750 (excl. taxes)
The price for the 2026 session dates may be revised

EDUCATIONAL OBJECTIVES
At the end of the training, the trainee will be able to:

Choosing the best development approach for a project need

Understand the development possibilities offered by SharePoint Online

Customize a SharePoint Online site

Develop and deploy SharePoint Add-ins

TEACHING METHODS

Active learning based on examples, demonstrations, experience-sharing, real cases, and an evaluation of what was learned from the training.

HANDS-ON WORK

Theory, discussions, experience-sharing, demonstrations, tutorials, and real cases.

CERTIFICATION
If registering for the AVIT® Microsoft 365 certification option, you must do so at the same time as course registration. The exam is a 60-minute adaptive test that is 70% operations. The result indicates your skill level. Merely taking the course is not sufficient to achieve a maximum score. The exam must be both scheduled and then taken online within 4 weeks following the start of your session.

THE PROGRAMME

last updated: 04/2024

1) Overview of development options in Microsoft 365
- Introduction to Microsoft 365 and the platform's services.
- Introduction to SharePoint Online and what's new.
- Development platform and associated tools.
- Overview of available frameworks.
Hands-on work : Learn about and register for the AVIT® certification option. Setting up a development tenant, installing and verifiying the necessary tools.

2) Rich development with SharePoint CSOM
- Overview of the architecture of CSOM .NET and JavaScript.
- Working with CSOM in SharePoint Online.
- Best practices and programming examples.
Hands-on work : Working with SharePoint items, remote provisioning.

3) Client-side development (JavaScript, SPFx) and remote development (REST API)
- Client frameworks and focus on SPFx.
- SharePoint Online REST APIs.
- Available frameworks (CAML, LINQ, REST/JSON, REST/OData).
Hands-on work : Working with elements with SPFx. Using REST APIs.

4) Site and page customization

- Site customization and design tools.
- Page templates, layout design with design management.
- Customization with modern experience.

Hands-on work : Theme creation, CSS + JavaScript injection and layout design.

5) Development of provider-hosted and SharePoint Online add-ins

- Architecture and development options in SharePoint.
- Available components and design options.
- Development of solutions and deployment in SharePoint.

Hands-on work : Creating a SharePoint and provider-hosted Add-in.

6) Development of WebPart components

- Overview of WebPart and development methods.
- Adding custom properties.

Hands-on work : WebPart add-in development with custom properties.

7) Specific and periodic processing: workflow and PowerShell

- Architecture and types of workflow available.
- Designing with SharePoint Designer.
- Designing with Flow.
- Introduction to PowerShell modules for SharePoint Online.
- Development options in Microsoft 365 services.

Hands-on work : Hands-on work

DATES

REMOTE CLASS
2025 : 09 déc.

2026 : 24 mars, 02 juin, 13 oct.