

Microsoft Power Platform Developer (Microsoft PL-400)

Official PL-400 course, exam preparation

Hands-on course of 5 days - 35h

Ref.: MCW - Price 2026: CHF3 440 (excl. taxes)

With this course, you'll learn how to design, develop, test and troubleshoot solutions on Microsoft Power Platform. You'll use traditional code to solve complex requirements not suited to low-code. You'll discover the platform's various extension points. Microsoft Power Platform will help you automate and transform your business processes.

EDUCATIONAL OBJECTIVES

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

Design, develop, secure and extend solutions on Microsoft Power Platform.

Create and customize Power Apps (canvas and template-driven).

Develop automated workflows with Power Automate.

Integrate and manipulate data via Microsoft Dataverse.

Use JavaScript, TypeScript, C#, JSON and REST APIs to extend functionality.

Connect Power Platform to external services and Microsoft Azure.

TEACHING METHODS

Training in French. Official course material in digital format and in English. Good understanding of written English.

CERTIFICATION

Successful completion of the PL-400 exam leads to certification as a "Microsoft Certified: Power Platform Developer Associate".

THE PROGRAMME

last updated: 11/2025

1) Optimize and customize canvas applications with advanced techniques

- Apply imperative development techniques in Power Apps.
- Perform customized updates in a Power Apps canvas application.
- Use Dataverse choice columns with formulas.
- Reduce data model complexity with Dataverse table relationships.
- Manage relational data in a Power Apps canvas application.
- Working with data source limits (delegation limitations) in Power Apps.
- Perform tests and performance checks in a Power Apps canvas application.
- Optimize application loading time.
- Use Monitor to troubleshoot Power Apps.
- Using Power Apps instrumentation with Application Insights.

2) Automate a business process with Dataverse and Power Automate.

- Discover the basics of Power Automate.
- Introduce expressions in Power Automate.
- Use Dataverse triggers and actions in Power Automate.

3) Introduction to development with Microsoft Power Platform

- Discover Power Platform developer resources.

PARTICIPANTS

Experienced C# and JavaScript developers with previous experience of Microsoft Power Platform, Dataverse, Power Apps and Power Automate.

PREREQUISITES

Experience in software development (C#, JavaScript, etc.) and good knowledge of Microsoft Power Platform functionalities.

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 to review your request and its feasibility.

- Use development tools to extend the platform.
- Introduction to Power Platform extension.

4) Enhance user experience with customer script and command bar.

- Perform common client scripting actions in Power Platform.
- Automate business process flows with client scripting.
- Customize the command bar.

5) Create basic components with the Power Apps Component Framework.

- Discover the Power Apps component framework.
- Create a Power Apps component.

DATES

Contact us