ITTcert
BY ORSYS

Course : Microsoft Power Platform Developer (Microsoft PL-400)

Official PL-400 course, exam preparation

Practical course - 5d - 35h00 - Ref. MCW
Price : 3440 € E.T.

★★★★⯪ 4,4 / 5

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.

◎ Teaching objectives

At the end of the training, the participant 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.

Intended audience

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.

Practical details

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

Course schedule

(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.
- 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.

Options

Certification : 200 € HT

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

Comment passer votre examen ?

The certification option comes in the form of a voucher and practice tests that will allow you to practise and take the exam at the end of the training course.

Dates and locations

REMOTE CLASS
2026 : 16 Mar., 15 June, 28 Sep., 7 Dec.