



COURSE SYLLABUS

Microsoft Certified: Power Platform Developer Associate

Prepare for exam AB-400 by learning to extend Power Platform with code: PCF components, code apps, Dataverse plug-ins, custom connectors, and AI agents.

\$1,965 per person, including the AB-400 exam voucher

18 course hours (on-demand video and labs) plus 1.5 hours of coaching

On-demand asynchronous training with online support, plus 1.5 hours of coaching.

Microsoft Certified: Power Platform Developer Associate

Prepare for exam AB-400 by learning to extend Power Platform with code: PCF components, code apps, Dataverse plug-ins, custom connectors, and AI agents.

Credential type	Certificate, issued by We Can Code IT
Clock hours	19.5 (18 course hours plus 1.5 hours of coaching)
Price	\$1,965 per person, including the AB-400 exam voucher
Time	18 course hours (on-demand video and labs) plus 1.5 hours of coaching
Delivery	On-demand asynchronous training with online support, plus 1.5 hours of coaching.
Exam	Exam AB-400: Extending Microsoft Power Platform Solutions with Code and AI (Microsoft Certified: Power Platform Developer Associate) (AB-400). This course prepares you for exam AB-400, and one exam attempt voucher is included. AB-400 is available beginning October 16, 2026 (English only) and replaces PL-400, whose registration closes October 16, 2026. This is a code-heavy exam, so most learners need additional self-study and extensive hands-on development beyond the course hours, especially if you are new to C# or JavaScript. Passing is not guaranteed.
Who it is for	This course is for software developers, Power Platform makers moving into professional development, and solution architects who design, build, test, and extend Power Platform solutions with code and generative AI.
Prerequisites	Development experience with JavaScript or TypeScript and C#; Working knowledge of Power Apps, Power Automate, and Dataverse; Comfort with JSON, REST APIs, and a modern code editor such as VS Code
Requirements	A modern web browser for Power Apps, Power Automate, and Copilot Studio; A Power Platform developer environment with a work or school account; VS Code with the Power Platform CLI and the .NET SDK installed; An Azure subscription for the Azure Functions and Microsoft Foundry labs; Azure usage is paid and billed to the subscription, beyond any free credit Microsoft offers new accounts

About this course

This course prepares you for exam AB-400, the new exam for the Power Platform Developer Associate certification that replaces PL-400 in October 2026. It follows the AB-400 objectives, which add code apps, Copilot Studio, and Microsoft Foundry agents and drop the older canvas app and troubleshooting areas. You spend most of your time writing and deploying code in a Power Platform developer environment.

What you will be able to do

- You will be able to design a Power Platform solution and move it between environments with pipelines and Build Tools.
- You will be able to write client scripts and build and deploy a PCF code component in a model-driven app.
- You will be able to build, deploy, and manage a Power Apps code app.
- You will be able to write and register a Dataverse plug-in and create a custom API.
- You will be able to build a custom connector and connect Power Platform to Azure Functions and a Foundry agent through Copilot Studio.

Syllabus

Module	Hours
1. Solution architecture, component design, and ALM with pipelines and Build Tools Solution and component design, Environments and solutions, Power Platform CLI, Pipelines and Build Tools. Lab: You package a solution with the Power Platform CLI and promote it from development to test with a pipeline.	3 h
2. Client scripting and PCF code components in model-driven apps Client API scripting, Form events, Power Apps component framework, TypeScript components. Lab: You add a form script to a model-driven app and build and deploy a PCF code component in TypeScript.	2.5 h
3. Building, deploying, and managing Power Apps code apps Code app structure, Local development in VS Code, Connecting to data, Deploying and managing code apps. Lab: You build a small Power Apps code app locally, connect it to Dataverse, and deploy it to your environment.	2.5 h
4. Dataverse plug-ins, custom APIs, and platform APIs Plug-in execution pipeline, Registering plug-ins, Custom APIs, Dataverse Web API. Lab: You write a C# plug-in that validates records, register it, and expose a custom API you call from the Web API.	4 h
5. Azure Functions, advanced cloud flows, and Foundry agents with Copilot Studio Azure Functions for Power Platform, Advanced cloud flow patterns, Copilot Studio workflows, Microsoft Foundry agents. Lab: You call an Azure Function from a cloud flow and connect a Foundry agent to a Copilot Studio workflow.	3.5 h

6. Dataverse events, data sync, custom connectors, and exam readiness

2.5 h

Dataverse events and webhooks, Data synchronization, Custom connectors, AB-400 exam review.

Lab: You build a custom connector to an external REST API, publish a Dataverse event to a webhook, and review AB-400 practice questions.

Coaching sessions

1.5 h

1.5 hours of coaching. One-on-one or small-group coaching, scheduled with your coach.

Live online or in-person sessions are available for an additional fee. Email admissions@wecancodeit.org for details.

Provider

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