

**Microsoft Power Automate RPA Developer (PL-500)**

**Course Number:** MOC-PL-500  
**Duration:** 4 days

**Overview**

This Microsoft Official Course PL-500, Power Automate RPA Developer training, teaches attendees how to automate time-consuming and repetitive tasks with Microsoft Power Automate. This course prepares students for the [PL-500 exam](https://docs.microsoft.com/en-us/learn/certifications/exams/PL-500), for which every attendee receives a voucher.

**Prerequisites**

* Experience with JSON, cloud flows and Azure services, integrating solutions with REST and SOAP services, and analyzing data with Microsoft
* Knowledge of Excel VBScript, Visual Basic for Applications (VBA), HTML, JavaScript, one or more programming languages
* Experience with the Microsoft Power Platform suite of tools (AI Builder, Power Apps, Dataverse, and Power Virtual Agents)

**Materials**

All Power Automate training students receive Microsoft official courseware.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Review solution requirements
* Create process documentation
* Design, develop, troubleshoot, and evaluate solutions
* Work with business stakeholders to improve and automate business workflows
* Collaborate with administrators to deploy solutions to production environments
* Support RPA solutions

**Outline**

* Take your first steps with Power Automate for desktop
* Power Automate for desktop development essentials
* Build your first Power Automate for desktop flow
* Define input and output parameters in Power Automate
* Integrate desktop flows with Outlook connector in Power Automate for desktop
* Connect a cloud flow to desktop flows in Power Automate for desktop
* Use AI Builder to process invoice forms in Power Automate
* Use the Teams connector in Power Automate
* Run a Power Automate for desktop flow in unattended mode
* Optimize your business process with process advisor
* Handle variables in Power Automate for desktop
* Automate repetitive tasks using loops in Power Automate for desktop
* Adjust process behavior using conditional actions with Power Automate for desktop
* Configure flow control in Power Automate for desktop
* Generate Power Automate for desktop flows by recording
* Configure exception and error handling in Power Automate for desktop
* Control file and folder handling in Power Automate for desktop
* Web automation in Power Automate for desktop
* Use Power Automate for desktop to interact with windows and
* Excel automation in Power Automate for desktop
* Automating email handling in Power Automate for desktop
* Automate system, workstation, and services actions in Power Automate for
* Communicate using message boxes in Power Automate for desktop flows
* Text manipulation in Power Automate for desktop
* Simulate mouse and keyboard actions by using Power Automate for desktop
* Combine Power Automate desktop and cloud flows
* Database handling in Power Automate for desktop
* Active Directory handling in Power Automate for desktop
* Scripting in Power Automate for desktop
* OCR technologies in Power Automate for desktop
* Get started with custom connectors in Power Automate
* Configure custom connectors with authenticated APIs in Power Automate
* Introduction to Microsoft Power Platform security and governance