

Document Generated: 02/18/2026

Learning Style: Virtual Classroom

Technology: Microsoft

Difficulty: Intermediate

Course Duration: 4 Days

Microsoft Power Automate RPA Developer (PL-500)



About this Course:

Candidates for this course automate time-consuming and repetitive tasks by using Microsoft Power Automate. They review solution requirements, create process documentation, and design, develop, troubleshoot, and evaluate solutions. Candidates work with business stakeholders to improve and automate business

workflows. They collaborate with administrators to deploy solutions to production environments, and they support solutions

Course Objectives:

- Design RPA solutions
- Develop RPA solutions
- Deploy and manage RPA solutions

Audience:

If you're a developer with a keen interest in providing automated solutions for your organization, this certification could be a great fit for you. You automate time-consuming and repetitive tasks by using Microsoft Power Automate. You review solution requirements, create process documentation, and design, develop, deploy, integrate, troubleshoot, and evaluate solutions. Working with business stakeholders, you help to improve and automate business workflows.

Prerequisites:

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

Course Outline:

Module 1: Get started with Power Automate for desktop

Get started with Power Automate for desktop by learning about flows, creating automated steps, and flow development essentials.

Module 2: Automate processes with Robotic Process Automation and Power Automate for desktop

Work with Power Automate for desktop to record Windows and Web applications, but also use out of box actions such as manipulating Excel documents as part of an end to end invoice processing solution.

Module 3: Work with Power Automate for desktop

Work with Power Automate for desktop options, flows, recording features, conditions, loops, variables, images, and error and exception handling.

Module 4: Work with different technologies in Power Automate for desktop

Learn how to automate email handling, Excel, user interface, and system services with Power Automate for desktop.

Module 5: Implement advanced logic in Power Automate for desktop

Learn how to work with system flows, control flows, mimic mouse actions, as well as operations used to manipulate text, date, and time in Power Automate for desktop.

Module 6: Build expertise with Power Automate for desktop

Learn how to use Power Automate for desktop to work with Power Automate, OCR technologies, and scripting.

Module 7: Build custom connectors for Power Automate

This Learning Path explores custom connectors and explains how to configure them and use them with Microsoft Power Automate

Module 8: Use best practices to secure and govern Microsoft Power Platform environments

This module focuses on introducing Microsoft Power Platform environments and their role in creating Data Loss Prevention (DLP) policies by using examples and use cases. A brief introduction and overview of tools will also be discussed, including Microsoft Power Platform and Power Automate Admin experiences and Microsoft Power Platform Center of Excellence (COE) toolkit.

Credly Badge:



Display your Completion Badge And Get The Recognition You Deserve.

Add a completion and readiness badge to your LinkedIn profile, Facebook page, or Twitter account to validate your professional and technical expertise. With badges issued and validated by Credly, you can:

- Let anyone verify your completion and achievement by clicking on the badge
- Display your hard work and validate your expertise
- Display each badge's details about specific skills you developed.

Badges are issued by QuickStart and verified through Credly.

[Find Out More](#) or [See List Of Badges](#)

