PL-500T00 Microsoft Power Automate RPA Developer

Category: Infrastructure & IT Operations | **Vendor:** Microsoft Technical

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Certified: Power Automate RPA Developer Associate
Related Exam:	PL-500

Course Overview

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.

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.

Who Should Attend

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 & Entry Requirements

General Prerequisites:

Candidates should have experience with JSON, cloud flows and desktop flows, 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).

Detailed Course Outline

1 - Introduction to Microsoft Power Platform developer resources

- Overview of Dataverse and the Common Data Model
- Extending Power Platform with Azure
- Power Platform environments

2 - Manage solutions in Power Apps and Power Automate

- Add and remove apps, flows, and entities in a solution
- Edit a solution-aware app, flow, and table
- Build and deploy a complex solution with flows, apps, and entities
- Automate solution management

3 - Introduction to Power Automate process mining

- Process mining concepts and its role in hyperautomation
- Use process mining
- Process mining in Power Automate
- Process mining in Power Automate web portal
- Power Automate Process Mining desktop app

4 - Optimize your business process with process advisor

- Get familiar with process advisor
- Create your first recording
- Edit recordings and group actions
- Analyze recordings and interpret results
- Automation recommendations

5 - Describe building automation with Microsoft Power Automate

- Describe the capabilities of Power Automate
- Explore the different Power Automate apps
- Describe the components of a cloud flow
- Consider Power Automate scenarios
- Describe process mining
- Build a basic Power Automate cloud flow
- Build a cloud flow with Copilot
- Build a Desktop flow
- Describe the business value of Power Automate

6 - Get started with Power Automate

- Introducing Power Automate
- Create your first flow
- Troubleshoot flows

7 - Introduction to expressions in Power Automate

- Get started with expressions
- Notes make things easier
- Types of functions
- Write complex expressions

8 - Best practices for error handling in Power Automate flows

- Configure run after option
- Power Automate analytics

9 - Overview of HTTP connectors in Power Automate

- HTTP Webhook built-in connector
- HTTP with Microsoft Entra ID connector
- When an HTTP request is received built-in connector

10 - Troubleshoot slow-running flows in Power Automate

- Use the Compose and Variable actions to view data
- Power Automate analytics
- Microsoft Power Platform admin center
- Redesign your flow

11 - Build your first Power Automate for desktop flow

- Set up the environment
- Explore Power Automate for desktop
- Create your first Power Automate for desktop flow
- Record Power Automate for desktop actions
- Edit and test recorded actions

12 - Configure flow control in Power Automate for desktop

- Flow control actions

13 - Adjust process behavior using conditional actions with Power Automate for desktop

- Conditional actions
- The If group of actions
- The Switch group of actions

14 - Handle variables in Power Automate for desktop

- Introducing variables
- Create, edit, and use variables
- Variable data types
- Advanced data types
- Input and output variables
- Variable manipulation
- Sensitive variables

15 - Define input and output parameters in Power Automate

- Set up in Power Automate
- Define an input variable
- Set input variables
- Define output variables
- Add UI elements and test

16 - Automate repetitive tasks using loops in Power Automate for desktop

- Loop actions
- Simple loop actions
- For each loop actions
- Loop condition actions

17 - Generate Power Automate for desktop flows by recording

- Create desktop flows using the recorder

18 - Scripting in Power Automate for desktop

- Scripting actions

19 - Web automation in Power Automate for desktop

- Introducing web automation
- Launch, close, and handle browsers
- Handle web pages and forms
- Extract data from web pages
- Direct web access and scripting

20 - Configure exception and error handling in Power Automate for desktop

- About exceptions
- Exception handling

21 - Connect a cloud flow to desktop flows in Power Automate for desktop

- Setup process in Power Automate for desktop
- Create a new cloud flow
- Connect your cloud and desktop flows
- Test your new connection

22 - Share a cloud flow with Power Automate

- Share by using co-ownership
- Share by using the run-only option
- Use the Send a copy feature
- Solutions and sharing

23 - Get started with custom connectors in Microsoft Power Platform

- Demo of the maker portal experience
- Explore custom connector configuration options
- Use a custom connector

24 - Discover and use Web APIs with Power Apps

- What are custom connectors
- What is OpenAPI and why you should use it
- Test the custom connector

25 - Configure custom connectors with authenticated APIs in Microsoft Power Platform

- Authentication options
- Use APIs with Azure AD
- Configure Microsoft Entra ID authentication
- Share and move between environments

26 - Configure policy templates for custom connectors in Microsoft Power Platform

- Use expressions to access runtime values
- Use policies for data conversion
- Configure host URL and routing
- Add or update values

27 - Create Microsoft Power Platform OpenAPI custom connectors

- Use OpenAPI extensions
- Use the dynamic list of values extension
- Use dynamic schema

Certification Path

Microsoft Certified: Power Automate RPA Developer Associate

Exam: PL-500

Upcoming Schedule

Available training dates for PL-500T00 Microsoft Power Automate RPA Developer:

Start Date	End Date	Location	Delivery	Price
14 Dec 2026	18 Dec 2026	Online	Virtual	€2,995.00

Frequently Asked Questions

Q: What delivery options are available for PL-500T00 Microsoft Power Automate RPA Developer?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The PL-500T00 Microsoft Power Automate RPA Developer course helps prepare you for the Microsoft Certified: Power Automate RPA Developer Associate certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the PL-500 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day PL-500T00 Microsoft Power Automate RPA Developer course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the PL-500T00 Microsoft Power Automate RPA Developer training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for PL-500T00 Microsoft Power Automate RPA Developer?

Yes, we provide corporate training, dedicated training, and closed classes for PL-500T00 Microsoft Power Automate RPA Developer. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for PL-500T00 Microsoft Power Automate RPA Developer?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your PL-500T00 Microsoft Power Automate RPA Developer training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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