



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Sie erreichen uns hier**

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# PL-500T00: Microsoft Power Automate RPA Developer

CODE:	LÄNGE:	PREIS:
MCS_PL-500T00	32 Hours (4 Tage)	€3,035.00

## Description

Die Teilnehmer\*innen dieses Kurses automatisieren zeitraubende und sich wiederholende Aufgaben mit Microsoft Power Automate. Sie überprüfen Lösungsanforderungen, erstellen Prozessdokumentation und entwerfen, entwickeln und bewerten Lösungen und beheben Probleme mit diesen. Kandidat\*innen arbeiten mit Projektbeteiligten aus dem Unternehmen zusammen, um Unternehmensworkflows zu verbessern und zu automatisieren. Außerdem stellen sie gemeinsam mit Administrator\*innen Lösungen in Produktionsumgebungen bereit und unterstützen Lösungen.

## Zielgruppe

Wenn Sie ein Entwickler\*in sind und ein großes Interesse daran haben, automatisierte Lösungen für Ihr Unternehmen bereitzustellen, könnte diese Zertifizierung genau das Richtige für Sie sein. Sie automatisieren zeitaufwändige und sich wiederholende Aufgaben mithilfe von Microsoft Power Automate. Sie prüfen Lösungsanforderungen, erstellen Prozessdokumentationen und entwerfen, entwickeln, implementieren, integrieren, beheben und bewerten Lösungen. In Zusammenarbeit mit den Interessengruppen des Unternehmens helfen Sie bei der Verbesserung und Automatisierung von Geschäftsabläufen.

## Voraussetzungen

Die Kandidat\*innen sollten über Erfahrung in den folgenden Bereichen verfügen: JSON, Cloud-Flows und Azure-Dienste, Integration von Lösungen mit REST- und SOAP-Diensten, Analysieren von Daten mithilfe von Microsoft Excel, VBScript, Visual Basic for Applications (VBA), HTML, JavaScript, mindestens eine Programmiersprache, Microsoft Power Platform-Toolsuite (AI Builder, Power Apps, Dataverse und Power Virtual Agents).

## Inhalt

	Introduction to Power Automate for desktop
	Console overview
	Flow designer overview
Take your first steps with Power Automate for desktop	Create a simple flow
	Introduction to Power Automate for desktop development
	Create a flow in the flow designer
	Create conditionals and loops
	Using subflows
	Test and debug flows
	Manage UI elements and images
	Deploy exception handling
Power Automate for desktop development essentials	Check your knowledge
	Set up the environment
	Explore Power Automate for desktop
	Create your first Power Automate for desktop flow
	Record Power Automate for desktop actions
Build your first Power Automate for desktop flow	Edit and test recorded actions

	Introduction	1 min
	Set up in Power Automate	
	Define an input variable	
	Set input variables	
	Define output variables	
	Add UI elements and test	
Define input and output parameters in Power Automate	Check your knowledge	
	Introduction	
	Setup process in Power Automate	
	Build a cloud flow that's triggered in Outlook	
	Test your new flow	
Integrate desktop flows with Outlook connector in Power Automate for desktop	Check your knowledge	
	Setup in Power Automate for desktop	
	Create a new cloud flow	
	Connect your cloud and desktop flows	
Connect a cloud flow to desktop flows in Power Automate for desktop	Test your new connection	
	Solution setup in Power Automate	
	Create a form processing flow	
	Add fields and collections of documents	
	Analyze and train a model	
Use AI Builder to process invoice forms in Power Automate	Integrate the model into a cloud flow	
	Work from an existing solution in Power Automate	
	Create an approval solution	
	Integrate with an existing desktop flow	
	Build communication with Outlook	
Use the Teams connector in Power Automate	Test and run a flow	
Run a Power Automate for desktop flow in unattended mode		
	Set up an unattended desktop flow	
	Create a new cloud flow that calls an existing flow in unattended mode	
	Perform a test run	
	Best practices	
	Check your knowledge	
	Optimize your business process with process advisor	
	Create, edit, and use variables	
	Variable data types	
	Advanced data types	
	Input and output variables	
	Variable manipulation	
	Sensitive variables	
Get familiar with process advisor		
Create your first recording		
Edit recordings and group actions		
Analyze recordings and interpret results		
Automation recommendations	Handle variables in Power Automate for desktop	
	Introduction to loops	
	Loop actions	
	Simple loop actions	
	For each loop actions	
Automate repetitive tasks using loops in Power Automate for desktop	Loop condition actions	
	Introduction to conditional actions	
	Conditional actions	
	The If group of actions	
	Exercise - If group of actions	
Adjust process behavior using conditional actions with Power Automate for desktop	The Switch group of actions	
	Introduction	
	Flow control actions	
Configure flow control in Power Automate for desktop	Check your knowledge	
	Introduction to the Power Automate for desktop recorder	
Generate Power Automate for desktop flows by recording	Create desktop flows using the recorder	
	Introduction	
	About exceptions	
Configure exception and error handling in Power Automate for desktop	Exception handling	
	Introduction	
	Folder actions	
Control file and folder handling in Power Automate for desktop	File actions	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	Use Power Automate for desktop to interact with windows and applications
	Introduction	
	UI elements	
	Window handling and element interaction	Excel automation in Power Automate for desktop

Introduction	
Launch, save, and close an Excel file	
Read from an Excel document	Introducing email automation
Write to an Excel worksheet	Automate webmail services
Additional actions and features	Automate Outlook
Manage worksheets	Automate Exchange servers
	Automating email handling in Power Automate for desktop
	Introduction
	System and workstation actions
Automate system, workstation, and services actions in Power Automate for desktop	Services actions
	Introduction to message boxes
Communicate using message boxes in Power Automate for desktop flows	Message box actions
	Introduction
	Text handling actions
Text manipulation in Power Automate for desktop	Date time actions
Simulate mouse and keyboard actions by using Power Automate for desktop	Mouse and keyboard actions
	Introduction to running Power Automate desktop flows from cloud flows
Combine Power Automate desktop and cloud flows	Run a Power Automate desktop flow from a cloud flow
Database handling in Power Automate for desktop	Database actions
	Active Directory handling in Power Automate for desktop
	Introduction
	Active Directory actions
	Scripting in Power Automate for desktop
	Scripting actions
	Introducing OCR technologies
OCR technologies in Power Automate for desktop	OCR actions
	Introduction
	Demo of the maker portal experience
	Explore custom connector configuration options
	Exercise - Create a new connector in a solution
Get started with custom connectors in Power Automate	Use a custom connector
	Introduction
	Authentication options
	Use APIs with Azure AD
	Configure Azure Active Directory authentication
	Exercise - Use graph API from a custom connector
Configure custom connectors with authenticated APIs in Power Automate	Share and move between environments
	Identify Microsoft Power Platform environments
	Data Loss Prevention policies
Introduction to Microsoft Power Platform security and governance	Microsoft Power Platform Center of Excellence Starter Kit

## Test und Zertifizierung

Wichtige Information

HINWEIS:

Um während des Trainings an den Übungen teilnehmen zu können, ist eine Multi-Faktor-Authentifizierung (MFA) erforderlich. Dafür benötigen Sie ein Mobiltelefon und eine Authentifizierungs-App. Wir empfehlen die kostenlose Microsoft Mobile Phone Authenticator App.

Download Microsoft Mobile Phone Authenticator App.

Set up your Microsoft 365 sign-in for multi-factor authentication.

## Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
04 Nov 2024	Wien	CET	German	Instructor Led Online		€3,035.00
24 Mar 2025	Wien	CET	German	Instructor Led Online		€3,035.00
02 Jun 2025	Wien	CEDT	German	Instructor Led Online		€3,035.00
08 Sep 2025	Wien	CEDT	German	Instructor Led Online		€3,035.00
24 Nov 2025	Wien	CET	German	Instructor Led Online		€3,035.00

## Zusätzliche Information

[Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.](#)