

Course Name : RPA – UiPath
Certification : Advanced Developer Program
Duration : 5 Weekends (5x2x4 Hours)
Applications : Web (Leaftaps ERP), Windows (InfoFlo), Citrix (PostMan)

- Introduction to RPA
- UiPath Vs Blue Prism Vs Automation Anywhere
- Get Started with UiPath

UiPath Tools

- UiPath Studio
- Ui Explorer
- Orchestrator Server

Recording

- Basic and desktop recording
- Web recording
- Citrix Recording
- Automatic Recording
- Step by Step Recording
- Insert Steps from Activities
- Introduction to Flow Chart, Sequence and State Machines

Scraping

- Screen scraping – Full Text, Native and OCR
- Data scraping – Table, Structured
- OCR – Google, Microsoft OCR based Text Scraping

Variables, Data Types & Control Flows

- Variables & Data Types Introduction
- Control Flow
 - If/Else Statements
 - Loop
 - Advanced Control Flow

Data Manipulation

- Scalar variables, collections, tables
- Data Manipulation
- Gathering and assembling data

Selectors

- Customization and Debugging
- Strategies to identify the right selectors
- Dynamic Selectors
- Selectors with Variables, Regular Expressions
- Highlight and Validate Selectors

Interaction with Elements

- Mouse Actions
- Keyboard Actions
- Control Actions
- Find Element and Get Attributes
- Events, Waits
- Children, Parent, Ancestor

Image and Text Automation

- Basic Citrix Recording
- Keyboard Automation
- Retrieve Data/Text Using OCR
- OCR Engines – Google, Microsoft, Abby

Excel

- Excel Automation
- Read data from Excel Workbook
- Write, Append, Delete data in Excel
- Interact with Sheet, Row, Cell
- Additional Actions like Merge Delete

Data Tables

- Build, Generate, Filter Data Table
- Merge, Remove, Sort Data Table
- Loop through Data Table and Output

File / CSV

- Interact with Directories and Files
- Filter Files with Extensions and Modified Date

PDF

- Extracting data from PDF
- Extracting a single piece of data
- Anchor base activity



Email Automation

- Interacting with e-mails – SMTP, POP, IMAP, Outlook
- Sending and receiving e-mails
- Work with attachments

Debugging & Exception Handling

- UiPath debugging tools
- Breakpoints and Step Options – Step Over, Step Into, Break
- Try, Catch, Finally, Throw, Rethrow

Functions

- String Functions
- Convert Functions

Triggers

- Element Trigger – Click, Key Press
- Image Trigger – Click
- System Trigger – Hot Key, Mouse, System

Invoke Activities

- Call another code, Workflow

Build Framework Components

- UiPath Snippets – Build Reusable Code
- Custom Activities – Design your own activities
- Custom Packages – Build, Share and Manage your packages
- Reports & Logs



Level 1 - RPA Developer Foundation Certification

Phase I - Theoretical exam (Quiz)

45 multiple answer questions, with a minimum passing score of 70%. You have three attempts to pass the quiz.



Orchestrator

Publish

- Publish Location – Destination, URL, API
- Version – Current, New Version and Release Notes
- Deploy Process and Best practices

Tenants

- Default, Custom

Machines

- Add Machines – Standard, Machine Template
- Manage Machine – Create, Search, Filter, Assign Robots

Robots

- Add Robot – Standard, Floating Robot
- Manage Robot – Create, Search, Filter, Assign Machine

Processes

- Deploy Processes – Package, Version, Environment

Schedules

- Create Schedule – Process, Time Zone, Triggers, Targets, Actions
- Manage Schedule – Search, Filter, Disable, Enable

Jobs, Assets, Queues

- Manage Jobs, Assets, Queues using Platform
- API to fetch the details of Jobs, Assets and Queues



Level 2 - Orchestrator Certification

Phase I - Theoretical exam (Quiz)

20 multiple answer questions, with a minimum passing score of 70%. You have three attempts to pass the quiz.



RPA Developer Advanced Certification (FREE Certification Only Until December 31, 2018)

Phase I - Theoretical exam (Quiz)

You can take the quiz anytime. After you comply with the Legal & Payment terms, you have 90 minutes at your disposal to answer 45 multiple answer questions, with a minimum passing score of 70%. You have three attempts to pass the quiz, otherwise a new payment will be required. Keep in mind that you have to wait 24H before attempting to take the quiz again. For each additional attempt, a number of points will be deducted from your score.

Phase II - Practical exam

Once you have passed your theoretical exam, you can enrol for the practical one at any time, by starting your own session, which doesn't require any supervision.

You have 3h30m at your disposal to solve the exercise displayed, with a minimum passing score of 70%. Keep in mind that there are only three attempts to pass the practical exam, otherwise a new voucher will be required. For each additional attempt, a number of points will be deducted from your score. Last but not least, you have to wait 24H before attempting to take the exam again.

The exam consists of one exercise, with automatic randomization enabled. Before the session ends, the user will have to upload the workflow to UiPath Certification Platform. The evaluation will be done automatically in background, based on criteria configured by UiPath. The waiting period time is 5 minutes.

You will become certified only if you pass both phases and will be able to view and download your certificate directly from the platform. For tracking purposes, each certificate will have a unique identification number attached. You will receive a short survey that will help us gather feedback on your certification experience before viewing your certificate.

You can find more details: <https://www.uipath.com/rpa/academy/training>