

**Advanced UiPath**

**Course Number:** RPA-116  
**Duration:** 5 days

**Overview**

This Advanced UiPath training goes beyond the basics to teach attendees how to develop production-ready workflows. Students learn how to create robust, enterprise-grade automations using best practices, component and process layer interactions, and the ReFramework.

**Note:** We recommend a maximum of 10 students, but can accommodate up to 12 students per class.

**Prerequisites**

Students must have taken Accelebrate's [UiPath Foundation training](file:////training/uipath-foundation) or have equivalent prior experience.

**Materials**

All RPA training students receive comprehensive courseware.

**Software Needed on Each Student PC**

For virtual classroom sessions:

* Prior to the course, Accelebrate will provide a virtual learning platform (Zoom).
* An email with detailed instructions will be sent in advance.
* Access to an internet connection is essential.
* A headset with a microphone is recommended for the session.

**Objectives**

* Structure an automation and break it into components that are ready for development
* Work as individuals and as a team to create complex automations using development, configuration, and testing techniques
* Produce processes that adhere to UiPath standards and best practices
* Deliver production-ready, fully automated processes using the ReFramework

**Outline**

* Introduction
  + General discussion on RPA and how it can be used/is being used in the company
* Recap of Foundation Topics
  + Data and variable types
  + UiExplorer, Selectors, and attributes
* Exception Handling
  + What are exceptions and when are they used
  + Try/Catch and Throw activities
* Best Practice
  + Methodology
  + Project Organization
  + Real life examples
* ReFramework
  + Recap of the ReFramework
* Orchestrator
  + Orchestrator purpose
  + Functionality
* UiDemo
  + Simple process to automate using the ReFramework
  + Transactional & using queue items
* ACME Process 5
  + Automation of a demo process using the UiPath ACME system
  + Component and Process layer construction
  + Group component build for first components
  + Introduce concepts of modularity, reusability, and best practices
  + Continue with development of ACME Process 4 using best practices
  + Each delegate to create their own automation
* ACME Process 4
  + Automation of a more complex process is the ACME system
  + Introduce the concept of Dispatcher and Performer
  + Developed as a team with roles for SA and developers
  + Delegates develop and test their own components
  + SA gathers and integrates process
  + Group running, systems testing and reflection
* Conclusion
  + Lessons learned, feedback
  + Advanced certification information