

**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