

**Blue Prism Foundation**

**Course Number:** RPA-102
**Duration:** 4 days

**Overview**

This private, instructor-led Blue Prism Foundation training course teaches attendees the basic and advanced features of Blue Prism for RPA (Robotic Process Automation), including methodology, automation, roles and responsibilities, development/configuration processes, and more.

**Prerequisites**

No prior experience is presumed.

**Materials**

All students receive comprehensive courseware.

**Software Needed on Each Student PC**

* The class will be conducted in a remote lab environment that Accelebrate will provide.
* The main things the students will need are a Google Chrome web browser and a stable Internet connection.
* An email with detailed instructions to check your connection will be sent in advance.

**Objectives**

* Learn fundamental Blue Prism concepts
* Build practical skills for an end-to-end Blue Prism automation
* Begin the process for attaining the official Blue Prism Developer Certification

**Outline**

* Introduction
* Process Studio
	+ Running a process
	+ Basic skills
	+ Process validation
	+ Decision stage
	+ Calculation stage
	+ Data items
* Process Flow
	+ Decisions
	+ Circular paths
	+ Controlling play
	+ Set next stage
	+ Breakpoints
	+ Collections and loops
	+ Layers of logic
	+ Pages for organization
* Inputs and Outputs
	+ Input parameters
	+ Stepping and pages
	+ Data Item visibility
	+ Data types
	+ Output parameters
	+ Start-up parameters
	+ Control room
	+ Process outputs
* Business Objects
	+ Object studio
	+ Business objects
	+ Action stage
	+ Inputs and outputs
	+ The process layer
* Object Studio
	+ Creating a business object
	+ Application modeler
	+ Spying elements
	+ Attributes
	+ Attribute selection
	+ Launch
	+ Wait
	+ Timeouts
	+ Terminate
	+ Write
	+ Press
	+ Attach and detach
	+ Read
	+ Actions
	+ Action inputs and outputs
	+ Data Items as Inputs
* Error Management
	+ Exception handling
	+ Recover and resume
	+ Throwing exceptions
	+ Preserving the current exception
	+ Exception bubbling
	+ Exception blocks
	+ Exception handling in practice
	+ Saving a screen capture
* Case Management
	+ Queue items
	+ Work queue configuration
	+ Defer
	+ Attempts
	+ Pause and resume
	+ Filters
	+ Reports
* Additional Features
	+ Safe stop
	+ Collection actions
	+ Choice stage
	+ Warning thresholds
	+ Logging
	+ Log viewer
	+ System manager
	+ Process/business object grouping
	+ Process and object references
	+ Export and import
	+ Release manager – packages and releases
* Conclusion