

**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