

# Blue Prism Foundation Course (Online)

## COURSE DESCRIPTION

This course covers various aspects of Blue Prism, such as processes, objects, and work queues.

A mini project (consolidated exercise) at the end of the course will cover the various lessons and skills developed throughout the course. NEOOPS will conduct a review session and provide feedback.

## WHO IS THIS COURSE FOR

Everyone interested in Blue Prism development.

## COURSE OBJECTIVES

- To build an understanding of Blue Prism roles and responsibilities (Process Analyst, Developer, Controller, etc.).
- To introduce process assessment methodology and selection of suitable RPA process candidates.
- To gain knowledge of the development logic in Blue Prism software.
- To develop and configure processes independently using Blue Prism software & methodology.
- To use case studies / examples to practice newly acquired skills.

## GENERAL INFORMATION

course length: the training environment will be opened for 2 weeks

type of training: self-study with 3 live review sessions hosted by NEOOPS

prerequisites: none

## COURSE OVERVIEW

- Blue Prism Technology Introduction.
- Process flow and Blue Prism stages.
- Object development and application modelling.
- Work queues configuration and monitoring.
- Exception handling design and correct use of stages and blocks.
- Correct use of data types, session, and environment variables.
- Control Room resource and session management.
- Blue Prism internal calculation functions, etc.
- Blue Prism Best Practises and additional automation techniques.
- Introduction to Blue Prism process templates.

## COMPLETION CERTIFICATE

Upon a successful course completion NEOOPS will issue a Course Completion Certificate.

## OVERVIEW OF TECHNICAL BLUE PRISM FEATURES TO BE COVERED:

- 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, Terminate, Write, Press, Attach and Detach, Read
  - Timeouts, 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