

Blue Prism Foundation Course (Classroom)

COURSE DESCRIPTION

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

A mini project at the end of the course covers the various lessons and skills developed throughout the course.

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: 4 days
classroom size: 6-8 trainees
type of training: live instructor-led
way of delivery: standard or virtual classroom
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.

DETAILED AGENDA

The first 3 days are focused on theory of Blue Prism technical features. At the end of Day 3, the participants start working on their consolidation exercise, which covers all the knowledge and skills gained throughout the course. The exercise should be ready for review before the end of Day 4.

OVERVIEW OF TECHNICAL BLUE PRISM FEATURES TO BE COVERED:

DAY 1

- 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

DAY 2

- 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

DAY 3

- 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