

BLUE PRISM FOUNDATION COURSE

GENERAL INFORMATION:

- Course Title: **Blue Prism Foundation Course**
- Classroom size: 6-8 trainees
- This is a 4-day , instructor- led training course (32 training- hour course)

COURSE DESCRIPTION:

- This is a classroom course aimed for people interested in Blue Prism developing.
- It will cover the various aspects of Blue Prism such as processes, objects, work queues, etc.
- A mini project at the end of the course will cover the various lessons and skills developed throughout the course.

COURSE OBJECTIVES:

- To build an understanding of Blue Prism roles and responsibilities (Process Analyst, Process Developer, Process Controller, etc.)
- To develop knowledge of the development logic in Blue Prism software (design, develop, test and support of the solutions, etc) and to enable participants to develop and configure processes independently using Blue Prism software & methodology
- To use practical case studies / examples to practice newly acquired skills

COURSE PREREQUISITES:

- None

COMPLETION CERTIFICATE:

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

HIGH LEVEL COURSE AGENDA:

- Blue Prism Technology Intro
- Blue Prism Methodology Overview
- Blue Prism Roles & Responsibilities Overview
- Blue Prism development/configuration of processes
- Consolidation exercise:
 - 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

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
 - 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