

BLUE PRISM FOUNDATION COURSE

GENERAL INFORMATION:

- Course Title: **Blue Prism Foundation Course**
- Classroom size: 6-8 trainees
- This is one-week , instructor- led training course (32 training- hour course)
- Course start and finish timing:
 - Start: Monday, 9 am
 - Finish: Thursday 5 pm

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 introduce process assessment methodology and selection of suitable RPA process candidates
- To develop knowledge of the delivery lifecycle (Define, Design, Build, Test, Deploy)
- 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

LOCATION:

- NEOOPS training facilities:
 - River Garden II
 - Rohanske nabrezi, 23A
 - Prague, Czech Republic

HIGH LEVEL COURSE AGENDA:

- Overview of RPA &
- Blue Prism Technology Intro
- Blue Prism Methodology Overview
- Blue Prism Process Assessment Overview (How to select suitable processes for automation)
- 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