

# Blue Prism Professional Developer Certification

## **Module 1: Introduction**

- Introduction to Blue Prism's Robotic Automation Framework

## **Module 2: Process Studio**

- Running a Process
- Basic Skills
- Process Validation
- Decision Stage
- Calculation Stage
- Data Items
- Review

## **Module 3: Process Flow**

- Decisions
- Circular Paths
- Controlling Play
- Set Next Stage
- Breakpoints
- Collections and Loops
- Layers of Logic
- Pages for Organization

## **Module 4: Inputs and Outputs**

- Input Parameters
- Stepping and Pages
- Data Item Visibility
- Data Types
- Output Parameters
- Start-up Parameters
- Control Room
- Process Outputs

## **Module 5: Business Objects**

- Object Studio
- Business Objects
- Action Stage
- Inputs and Outputs
- The Process Layer

## **Module 6: Object Studio**

- Creating a Business Object
- Application Modeler
- Spying Elements
- Creating a Business Object
- Attribute Selection
- Launch
- Wait
- Timeouts
- Terminate
- Write
- Press
- Attach and Detach
- Read

- Actions
- Action Inputs and Outputs
- Data Items as Inputs

## **Module 7: Error and Case Management**

- Overview of Error and Case Management

## **Module 8: Error Management**

- Exception Handling
- Recover and Resume
- Throwing Exceptions
- Preserving the Current Exception
- Exception Bubbling
- Exception Blocks
- Exception Handling in Practice

## **Module 9: Case Management**

- Queue Items
- Work Queue Configuration
- Defer
- Attempts
- Pause and Resume
- Filters
- Reports

## **Module 10: Additional Features**

- Safe Stop
- Collection Actions
- Choice Stage
- Logging
- Log Viewer

- System Manager
- Process/Business Object Grouping
- Process and Object References
- Export and Import
- Release Manager Packages and Releases

## **Module 11: Other Applications**

- Mainframe Applications
- Java Applications
- Match Index and Match Reverse
- Surface Automation