

Blue Prism Associate Developer

Course Description

This course introduces Robotic Process Automation (RPA) with Blue Prism, a popular RPA tool used by organizations worldwide. The course covers the basic concepts of RPA, including the creation and deployment of software robots, or "digital workers", that can automate repetitive, time-consuming tasks in business processes. The course covers the use of Process Studio, Object Studio, and Business Objects, as well as topics such as Exception Management, Work Queues, and Advanced Data Items.

Audience

The course is designed for anyone who is interested in learning about RPA and Blue Prism. This course is suitable for:

- Professionals who are looking to upskill in RPA and automation technologies
- Business Analysts who are involved in designing and implementing business processes
- IT Professionals who are responsible for managing enterprise applications and systems
- Project Managers who are involved in process improvement initiatives
- Entrepreneurs who are looking to streamline their business operations and reduce costs

Pre-requisite Knowledge/Skills

No prior experience with RPA or Blue Prism is required. However, basic computer skills and knowledge of programming concepts would be helpful.

Course Objectives

Upon successful completion of this course, students should be able to:

- Understand the basic concepts of Robotic Process Automation
- Configure the training environment for Blue Prism
- Use Blue Prism tools to design and automate business processes
- Create and use Business Objects and Work Queues
- Handle exceptions and errors in the automation process
- Utilize advanced data items for complex processes
- Prepare for Blue Prism developer certification

Course Outline

The course comprises 56-hours of theory and labs. It's divided into 10 different modules.

Module	Module Name	Topics Covered	Labs Included
1	Introduction to Robotic Process Automation with Blue Prism	RPA (Robotic Process Automation), Digital Workforce, Blue Prism Vision, Automation, Monitoring	Watch it work
2	Setup and Configuration	Training Environment, Screen resolution, Scaling, Configuration	Setup environment
3	Introduction to Process Studio	Process Studio Interface, Decision Stages, Calculation Stages, Data Items, Process Validation	Explore the process studio
4	Introduction to Process Flow	Circular Paths, Controlling Play, Collections, Loops, Layers of Logic	Create a Process Flow
5	Introduction to Inputs and Outputs	Input Parameters, Stepping, Pages, Data Item Visibility, Data Types, Output Parameters, Control Room, Process Outputs	Create an input and output parameter
6	Business Objects	Business Objects, Action Stages	Explore business objects
7	Object Studio	Application Modeler, Navigate Stage, Wait Stages, Throttle and Unconditional Waits, Unique Attributes, Write Stage, Press, Attach and Detach, Read Stage, Actions, Action Inputs and Outputs, Multiple Business Objects	Configure Business Objects
8	Exception Management Overview and Management	Exception Management Overview, Exception Handling, Throwing Exceptions, Exception Properties, Exception Bubbling, Preserving the Current Exception, Blocks	Consolidated Exercise 1
9	Work Queues and Additional Features	Work Queues, Working Items, Queue Items, Work Queue Configuration, Deferring Items, Exception Item Retries, Additional Features, Release Manager	Consolidated Exercise 2
10	Self-Read and Discussion	Process Template, Credentials and Credential Manager, Advance Data Items, Next Steps	Certification Readiness

