UiPath™ Academic Alliance

Empowering current and future workforce with automation skills

Program Guide

"We seek an automated and fully-employed world where humanity and machines are partners in a new and vibrant work environment. We believe in being unburdened by repetitive tasks, and freed to embrace more strategic, creative, and fulfilling work."

Executive Summary

Robotic Process Automation (RPA) is helping businesses across the world increase profits, productivity, security, and employee engagement.

At UiPath, the market leader in RPA, we do not believe that automation and employment are mutually exclusive. We envision an automated and fully-employed world in which humanity is unburdened of repetitive tasks, and freed to embrace more strategic, creative and fulfilling work.

Today, technical and business professionals must have the skills and expertise to identify processes that should be automated via RPA, and the ability to rapidly deploy the technology. The demand for RPA skills creates a once-in-a-lifetime opportunity for talented students across the world.

Working with leading Universities, Governments, and other public or private educational organizations, we are developing the global RPA knowledge ecosystem and shaping the future of work through an inclusive community ranging from young students to experienced professionals.

At no charge, we provide:
- Courses for all students
- Dedicated UiPath software for classroom and personal use
- Knowledge transfer to educators
- Opportunities to join a highly active community of RPA professionals

As part of the Academic Alliance Terms & Conditions, we allow institutions to include UiPath courses in all educational programs, including adult education and continuous learning.

What is Robotic Process Automation (RPA)?

Hundreds of millions of knowledge workers are employed across the world and in every industry. RPA enables us to remove routine, mundane, and repetitive tasks via software robots. Through RPA, we are freed from the work that adds little value, joy, and satisfaction. By assigning such repetitive

> **"RPA is the fastest growing category of Enterprise Software (growing at 65% CAGR according to Forrester™)."**

activities to software robots we now can focus on more creative and valued work, accelerating our careers, our companies, and ultimately, society. RPA is the fastest growing category of Enterprise

Software. It allows users to configure a software robot to emulate human interaction with digital systems to execute a business process. RPA robots utilize the user interface and/or APIs to capture data and interact with applications just as humans do, but faster and with fewer errors. The robots interpret data, trigger responses and communicate with other systems to perform a wide variety of repetitive tasks. RPA is distinct from prior process automation technologies due to its flexible scope and ease of implementation – enabling enterprises to automate tasks and integrate systems which are otherwise too complex, too costly, or too time consuming to address.

Automation First Mindset

The individuals and organizations with the 'automation first' mindset assess if any and all tasks or activities (existing or planned) should be automated. If a complete or partial process can be automated, it should be automated. This will maximize both the productivity and satisfaction of

creative/knowledge workers, as well as organizational efficiency.

Developing this mindset in students through their education will drive significant innovation and growth as they become valuable employees or entrepreneurs.

Why UiPath?

UiPath is the recognized leader in the Robotic Process Automation (RPA), and is the fastest growing enterprise software company in history! UiPath's minimal-code, drag-and-drop Studio development platform enables RPA developers to quickly and easily implement robots that use a combination of groundbreaking Computer Vision and UI-selector technology to navigate applications and mimic user actions to automate end-to-end business processes - delivering ROI in days and weeks. UiPath is differentiated in multiple ways:

- Our innovation in computer vision allows robots to read a screen and navigate desktop, web, and virtualized applications. We are now taking that to the next level, with sophisticated, Pragmatic AI capabilities that enable automation of increasingly complex, cognitive tasks.

- Leveraging our Open and Extensible platform, we have one of the most diverse partner ecosystems; delivering intelligent automation via AI tools such as Microsoft™ Handwriting Recognition, BPM systems such as K2™, Bizagi™, H20.AI™, and Appian™, as well as productivity applications like Microsoft™ Office™ and Google™ G-Suite™.

- The UiPath platform is built entirely on the Microsoft™ stack. As a leader in enterprise productivity, business applications and cloud services, Microsoft™ is the most widely adopted technology stack across enterprises. Our ability to integrate seamlessly with the Microsoft™ stack drives faster ROI for enterprise customers.

- Scalability is a key factor in delivering UiPath's vision of "One Robot for Every Person" and we currently have deployments with some customers in the range of tens of thousands of robots. Customers are moving well beyond simply experimenting with RPA.

A Reskilling Imperative During the 4th Industrial Revolution

According to the World Economic Forum, more than 54% of the workforce will require reskilling in the next 5 years!

> "New technology adoption drives business growth, new job creation and augmentation of existing jobs, provided it can fully leverage the talents of a motivated and agile workforce who are equipped with futureproof skills to take advantage of new opportunities through continuous retraining and upskilling. Conversely, skills gaps—both among workers and among an organization's senior leadership—may significantly hamper new technology adoption and therefore business growth."

Robotic Process Automation is one such technology that is dramatically redefining the future of work. Easy to deploy, non-intrusive, fast, and low-cost implementations have made RPA a priority across industries.

The Increasing Role of Artificial Intelligence in RPA

RPA can be considered a steppingstone to the world of Artificial Intelligence. RPA is continuously evolving and able to automate more. UiPath robots are learning new skills. At UiPath we are building and delivering increasingly sophisticated Pragmatic AI capabilities to enable automation of complex, cognitive tasks in four areas:

- Visual understanding (e.g. AI that automatically identifies and completes UI elements such as menus, logins, scrolling, etc.)
- Document understanding (template-less processing of documents such as receipts and invoices)
- Conversational understanding (e.g. taking action based on texts, chat and voice); and
- Process understanding (learning user behavior to identify new automation and opportunities to gain efficiency)

The ability to deliver Pragmatic AI along with automation leads to an increase in productivity, better predictions, lower error rates and innovation.

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According to the World Economic Forum, more than 54% of the workforce will require reskilling in the next 5 years!

UiPath™ Academic Alliance

We do not view automation and employment as opposites, and instead envision an automated and fully employed world. We believe humanity and machine are partners that will herald a new and vibrant workforce, unburdened by repetitive tasks, and freed to embrace more strategic and creative work.

While there is a massive shortage of technical and business professionals having the skills and expertise to identify processes that should be automated and to fully deploy Robotic Process Automation. Organizations around the world are seeking such professionals. Such a demand creates a once-in-a-life time opportunity for talented students.

Our Mission

Working with leading Institutions, Universities, Colleges, Governments, and other public or private educational organizations, we craft the global RPA knowledge ecosystem, and shape the future of work through an inclusive community ranging from young students to experienced professionals.

Together, we are:

- Instituting RPA as a discipline in education
- Preparing students and educators with in-demand automation skills
- Connecting students and educators to a community of practitioners
- Creating RPA awareness across the entire institution
- Creating a differentiator for your institution

Our Promise

- Courses for all students ranging from a simple technical, business, and general students ranging from a simple, exciting introduction to in-depth, comprehensive offerings
- Specially designed and developed RPA curricula, suitable to become a credit course with annual updates for Universities
- Industry specific courses for professionals
- UiPath software (Academic Alliance Edition) for all enrolled students and educators
- Knowledge transfer and training for the educators
- Online communities and forums
- Promotion Kit including Introductory videos, presentations, collateral, etc. to encourage students to learn about RPA
- Allow partner institutions to include UiPath courses in all educational programs, including adult education and continuous learning.

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Benefits of Joining the UiPath Academic Alliance

We will equip your institution with all the knowledge, curricula, software, training tools and support to leverage the emerging opportunities in RPA.

Benefits to Students:

- Access RPA technologies via UiPath Academic Alliance Edition
- Learn from high-quality UiPath curriculum in a current syllabus or class
- Join a community of professionals and experts worldwide
- Become an in-demand RPA professional

Benefits to Partner Institutions:

- Be a leader in the Automation First movement
- Prepare your students for an automated future and exciting career
- Unique opportunity to introduce software robots to every student and professional
- Introduce RPA as a Continuing Education differentiator
- Play a key role in upskilling students and educators
- Access UiPath Academic Alliance materials for branding and promotion
- Benefit from PR activities and media coverage

Benefits to Educators:

- Teach from a comprehensive RPA curriculum including hands-on labs
- Utilize courses that can be integrated into degree programs for academic credits
- Access RPA technologies via UiPath Academic Alliance Edition software to teach and do research
- Include RPA as an introductory subject in a current syllabus or class
- Leverage a resource kit with courseware, case studies and other teaching aids
- Use our promotional kit to attract students to RPA classes
- Build your own RPA skills
- Join a community of fellow automation professionals through in-person, virtual and on demand educator-readiness workshops

What We Expect from Partner Institutions

UiPath promises to continue investing in high-quality updated courseware, the UiPath Enterprise RPA Platform, resource kits and other tools at no cost to the partner institutions. In return, we ask that you:

- Assign at least 1 educator committed to driving RPA/AI technologies and helping build their students' careers
- Deliver a minimum of one formal RPA course annually (introductory/general), or full course for technical or business students
- Consider including relevant courses (as indicated in course descriptions) in regular curricula either as required or as an elective (earning credits upon successful completion)

A Robot for Every University Student

This unique initiative develops RPA awareness and interest in all students across your institution. It requires short training sessions (less than a day), and provides students with free UiPath software to develop basic skills. Students will learn how to build simple software robots, as well as their own personal robotic assistants.
Once the students can build their own robotic assistants, their imagination is the limit for creative and unique solutions.

- **In school, students use robots to:**

  - Work faster and smarter
  - Conduct research more easily
  - Automate their financial aid search
  - Find deals on items they want to buy
  - Discover job/work opportunities

- **When they enter the workforce, students use robots to:**

  - Enhance their resume with in-demand RPA skills
  - Help employers be more efficient and productive

- **Robots can make students better global citizens:**

  - Discover new solutions and processes to better the world
  - Build their own start-ups!
  - Help NGOs automate manual and repetitive work

Automation Ready Workforce

We envision a world where every professional is "Automation Ready"

We believe that we all - companies, non-profits, governments, educational institutions, and unions – need to work together to close the emerging and growing skills gap in the current workforce and prepare every worker for the future of work.

UiPath's Automation Ready Workforce Program builds an ecosystem that gives the current workforce entry into a world of meaningful and well-paid work through accessible RPA Education for professionals around the world.

Pathway to an Automation Ready Workforce:

- RPA training content for the employed and unemployed
- RPA career paths
- Focus on adult education in RPA
- Self-led and instructor-led education
- Access to better jobs through education in on-demand competencies and technologies

Robotic Process Automation (RPA) is the **#3 fastest growing job skill**
According to Upwork's 2019 Skills Index

Demand for RPA developers has grown by **117% in the last year alone**.
Linkedin Talent Report 2019

UiPath Academic Alliance – Offering Details

As a UiPath Academic Alliance partner, you will have the following materials available to prepare/promote the class and teach your students.

Resource Kit

Once you have joined the Academic Alliance you will be able to download the kits from a secure online library.

Promotion Kit

Promote RPA courses to generate enrollment:

- Academic Alliance Logo variations
- Logo Usage Guidelines
- Posters, both for physical and digital use
- Course Description/Summary
- Presentations which can be made by the institution to students
- Videos of software robots

Educator Kit

Aimed at providing educators with resources to learn RPA:

- UiPath Academic Alliance Edition Software download instructions
- Modular self-paced courses with teaching instructions
- Pre-recorded lectures

Course Kit

Developed for optimizing course delivery to students, each Courseware Kit includes:

- Courseware
- Teaching Guidelines/ Lesson Plan
- Student Guidelines
- UiPath Academic Alliance Edition download instructions
- UiPath Connect! enrollment instructions for Students

A Robot for Every Student Kit

A complete package for institutions to invite all students to get familiar with RPA and be able to create their own software robots:

- Course – Step into RPA (4hr)
- UiPath Academic Alliance Edition software
- Communication package
- Promotion package
- Robot packs

UiPath Academic Alliance Courses & Certification

These courses are designed to meet the high standards followed by prestigious partner institutions. They are aligned to the teaching schedules of standard classrooms with adequate demos, hands-on and lab exercises.

Step into Robotic Process Automation

Goal:	Create awareness and generate interest in process automation
Applicable to:	All students, "A Robot for Every Student"
Duration:	4 hours
Format:	Online or lecture with simple hands-on lab exercises

Introduction to Robotic Process Automation for Business

Goal:	Develop understanding of process automation and its value for business
Applicable to:	Business, Accounting, Finance and other students
Duration:	14 hours, can be a 1 credit elective or required course
Format:	Lecture and exercises

Robotic Process Automation Design & Development

Goal:	Build Associate RPA developer skills
Applicable to:	Technical students with basic programming skills
Duration:	1 semester, can be a 3-4 credits course elective or required course
Format:	Lecture (40 hours), Hands-On Lab (20 hours)

UiPath Certified RPA Associate (UiRPA) Certification*

Goal:	Assess, validate, and certify Associate Developer level knowledge & skills
Applicable to:	Technical students and professionals
Scope:	High-stakes Certification aligned to "RPA Design & Development" course

* Certification exam fee at 50% discount for students and educators.

UiPath™ Certified Professional

Lead the future of work with UiPath Certifications!

You can boost your students' career, with an industry-leading Certification. Our high-stakes Certification program enables students prove their RPA expertise and join a growing community of professionals who design and deliver high-value, high-impact RPA solutions across the industries.

UiPath Certified RPA Associate (UiRPA)

UiPath™ Certified

RPA Associate

- Assesses problem solving and process identification skills
- Tests the ability to build simple automation solutions
- Is suitable for RPA roles including Junior RPA Developers and Business Analysts college graduates, and others
- UiRPA is a first step for professionals who want to build and assess their knowledge and skills towards their journey to become Advanced RPA Developers or RPA Solution Architects

LEARN
Finish the RPA Design & Development Course or the online alternatives. Please see here

PRACTICE
Take free online practice tests to ensure they are ready for the final exam

TAKE EXAM
Schedule and take their exam at any of the Pearson VUE testing centers or remotely via OnVUE

MANAGE YOUR CERTIFICATION
Manage their certifications and share their digital badges with their current or potential employers

Associate Exam Fee	US$ 150
Duration	90 Minutes

50% discount — Academic Alliance Partner University students

Joining the Academic Alliance

We believe in smooth and transparent processes; therefore, we created a simple online enrollment process for our new Academic Alliance partners.

To join the Academic Alliance, please submit this online form on our website: https://www.uipath.com/rpa/academic-alliance/join. The form is for authorized employees at partner institutions (whether teaching or administrative staff). The online application includes the program's Terms & Conditions which should be carefully read and acknowledged.

Please note that we do not partner with corporate training providers under this program. Once we validate your application, we will confirm our partnership, acknowledge the Terms & Conditions and help introduce RPA education to your institution. Your "Welcome" email will formally acknowledge the partnership with a partnership certificate, registration directions, and the Resource Kit download instructions.

Joining the UiPath Academic Alliance: Steps

Apply

Review & Apply

Go to https://www.uipath.com/rpa/academic-alliance/join
Review the Terms and Conditions on this page
Provide your information, your institution's information and apply

Confirm

Establish partnership

Receive a welcome email with a partnership Certificate Follow the directions to register
Follow the directions to register and download the Resource Kit

Prepare

Prepare with the Resource Kit that contains:

Educator Kit: To learn and prepare to teach
Promotion Kit: To promote the RPA curriculum to students
Course Kit: Course material, Educator guides, student guide etc.
A Robot for Every Student Kit: Course, Communications

Go!

Introduce RPA in your institution!

Launch - Go Live!

Thank you for your interest in the UiPath Academic Alliance. We look forward to helping you prepare the next generation for the future of work.

Please do not hesitate to contact us via email **academic.alliance@uipath.com**

Step into Robotic Process Automation
Course Description

Overview
The Step into Robotic Process Automation (RPA) course introduces RPA to students. Beginning with a real-world problem and how it's solved in a non-RPA environment, the course goes on to enable the students to create a robot using UiPath software (Academic Alliance Edition) to automate the solution.

Audience
The course is intended for students who want to learn the basics of Robotic Process Automation.

Pre-requisite Knowledge/Skills
To complete the course successfully the student must have basic knowledge of computers.

Course Objectives
Upon successful completion of this course, students should be able to:
- Understand the basics of Robotic Process Automation
- Identify processes which can be automated
- Develop and deploy basic robots independently using Academic Alliance Edition

Course Outline
The course comprises of 4 modules of theory with hands-on exercises.

Module 1: Introduction to Automation and RPA
Basics of RPA
RPA Benefits
Processes that can be automated
Types of Robots

Module 2: Setting up the environment
Installing UiPath Academic Alliance Edition
Installing browser extensions
"Hello World" Robot

Module 3: UiPath concepts
Screen Scraping
Recording
Sequences and flowcharts
Loops
Build a Robot

Module 4: Advanced UiPath concepts
Data persistence
Working with Excel
Selectors
Build a Robot

A Robot for Every Student!

Course Name
Step into Robotic Process Automation

Delivery Method
Online Self-paced/In-class

Course Duration
4 hours

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Learn the value of RPA in business

Course Name
Introduction to Robotic Process Automation for Business

Delivery Method
Instructor-Led

Course Duration
14 hours

Introduction to Robotic Process Automation for Business

Course Description

Overview
The Introduction to Robotic Process Automation (RPA) for Business course starts with identifying automation opportunities in an organization and dives into the stages of an automation journey, measuring the success of an implementation, and challenges students to apply RPA to new business processes.

Audience
The course is intended for business and finance students.

Pre-requisite Knowledge/Skills
To complete the course successfully, the student must understand basic business processes and computers.

Course Objectives
Upon successful completion of this course, students should be able to:
- Understand the basics of Robotic Process Automation
- Describe different business models for successful RPA implementation
- Understand and describe the various stages of automation journey
- Evaluate the success of automation implementation
- Apply RPA to business skills for developing new processes

Course Outline
The course comprises of 9 modules including 6 mini-skills and 3 advanced automation exercises.

Module 1: Introduction to RPA
Mini-skill 1: Opening a Browser

Module 2: Foundational RPA Concepts
Mini-skill 2: Web Search

Module 3: Role of a Business Manager in Automation
Mini-skill 3: Decision-making

Module 4 & 5: Automation Stages
Mini-skill 4: Storing an Output
Mini-skill 5: Iteration

Module 6: Evaluating the Automation Implementation
Mini-skill 6: Sending emails

Module 7/Skill 1: Ability to process information through scopes/systems

Module 8/Skill 2: Establish causality by variable behavior

Module 9/Skill 3: Inference from snapshots of curated terms

Build Associate RPA developer skills

Course Name
Robotic Process Automation Design & Development

Delivery Method
Instructor-Led

Course Duration
60 Hours

Robotic Process Automation Design & Development
Course Description

Overview
The Robotic Process Automation (RPA) Design & Development course offers comprehensive knowledge and professional level skills focused on developing and deploying software robots to successfully automate processes. The course assumes no prior RPA knowledge. It begins by refreshing basic programming skills and introducing basic RPA concepts. The course then introduces the UiPath Enterprise RPA Platform and teaches a student how to use UiPath software (Academic Alliance Edition) to automate business processes. The course has a 40-hour theory and associated 20-hour lab component.

Audience
The course is intended for students and individuals who want to acquire the skills of designing and developing robots for process automation

Pre-requisite Knowledge/Skills
To understand and complete the course successfully the student must have basic programming skills

Course Objectives
Upon successful completion of this course, students should be able to:
- Understand the basics of Robotic Process Automation
- Use and understand the various functionalities and features of UiPath Studio and Orchestrator
- Identify processes which can be automated
- Develop and deploy attended and unattended robots independently
- Know and apply the business best practices in RPA Projects

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Build Associate RPA developer skills

Course Name
Robotic Process Automation
Design & Development

Delivery Method
Instructor-Led

Course Duration
60 Hours

Course Outline

The 40-hour Theory course is divided into 4 different sections. Each section equips the students with the skills and knowledge which help them understand the next section.

The sections of the course with their learning objective are:

Section 1 : Programming Basics which are relevant to RPA
- Understand Basic Programming concepts and the underlying logic/structure
- Understand application and operation of basic computing and programming concepts in IT industry from RPA perspective

Section 2 : Basic RPA Concepts
- Describe RPA and its application
- Describe the business and management aspect of RPA implementation in an organization

Section 3 : UiPath Introduction & Basics
- Learn how to install UiPath software and extensions required for the course
- Describe different types of variables in Studio
- Describe Control Flow and various activities used in it
- Develop understanding and application of Data Manipulation techniques
- Understand Selectors and how they are applied in UiPath Studio

Section 4 : UiPath Advanced concepts and application
- Understand Image, Text and Data Tables Automation in Studio
- Understand and apply automation to Citrix, PDF, Email
- Describe various types of Exceptions and strategies to handle them
- Understand Project Organization best practices
- Understand and apply various functionalities of Orchestrator
- Develop an understanding of the current stage of application of AI/ML implementation in the industry
- Understand future direction of research in AI with respect to RPA and possible future trajectories of technology development

Labs

This course includes 20 hours of Lab exercises, which help students practice and apply the skills they learned in the theoretical section.

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Want to Learn More?
www.uipath.com/rpa/academic-alliance
Email: Academic.Alliance@uipath.com

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