



IT

Learnership



ROBOTIC PROCESSING
AUTOMATION (RPA)
DEVELOPER

(119242)





BOOK NOW



12-24 Months



Classroom & Online Training



NQF LEVEL 5 Credits 158

ABOUT THIS COURSE

This RPA Developer learnership introduces learners to the purpose and use of robotic process automation to imitate human actions and automate repetitive business processes. Learners build an understanding of RPA tools, business-process modelling, workflow automation, data, programming logic, governance, security and ethical practice. The programme prepares learners to contribute to RPA solution development, testing, deployment, modification and improvement in digital business environments.



Target Audience

- Students
- Beginners
- Apprentices
- Technicians
- Artisans
- Welders
- Trainees
- Operators
- Fabricators

PRICE

CLASSROOM: Request a Quote

Includes snacks and beverages – only applicable to classroom bookings)

WHAT WILL YOU LEARN ON DAY1

SMART ZONE

RPA and Automation Foundations

- Understand RPA concepts, terminology, benefits, the evolution of automation, intelligent automation, RPA vs automation, and where RPA can be applied in business.

Business Processes and Workflow

- Explore business processes, process modelling, workflow concepts and common automated workflows such as approvals, onboarding, leave processes and invoice creation.

Computing and Programming Basics

- Revise problem-solving steps, cloud computing, security fundamentals, programming languages, algorithms, variables, operators, loops and input/output operations.

Data, Databases and Data Scraping

- Learn the value of data, reliable data sources, databases, SQL basics, data scraping, analysis, visualisation, dashboards and data security principles.

Governance, Legislation and Ethics

- Introduce governance, compliance, workplace legislation, ethical conduct, cybersecurity, confidentiality, intellectual property and responsible use of automation tools.

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WHAT WILL YOU LEARN ON DAY 2

SMART ZONE

RPA Toolkit and Platform Use

- Work through the role of RPA toolkits/platforms used to plan, build, manage, run and measure automation, including installation, user interface and SDLC principles.

Variables, Selectors and Control Flow

- Understand variables, arguments, selectors, input actions, recordings, flowcharts, decision controls, loops, error handling and data manipulation in an RPA process.

Build, Test and Deploy RPA Solutions

- Focus on modelling and developing RPA solutions, executing test procedures, evaluating performance, publishing and deploying automated solutions.

Improve Existing Automations

- Explore how to modify and improve RPA solutions after production, build reusable components, reduce errors and support continuous improvement.

Design Thinking, Teamwork and Future Skills

- Apply design thinking, innovation, communication, teamwork, presentation, customer service and 4IR skills needed in a multidisciplinary digital workplace.

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KNOWLEDGE MODULES

SMART ZONE

- Overview of Robotic Process Automation
- Basic Calculations and Logical Thinking
- Computers and Computing Systems
- Computing Theory
- Data, Databases and Data Scraping
- Introduction to RPA for Automation of Processes
- Robotic Process Automation (RPA)
- RPA Governance, Legislation and Ethics
- Design Thinking and Innovation
- 4IR and Future Skills

PRATICAL SKILLS

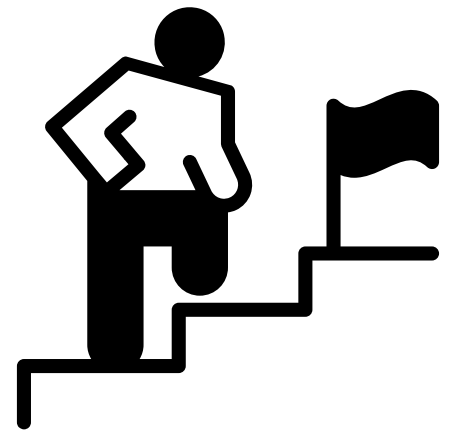
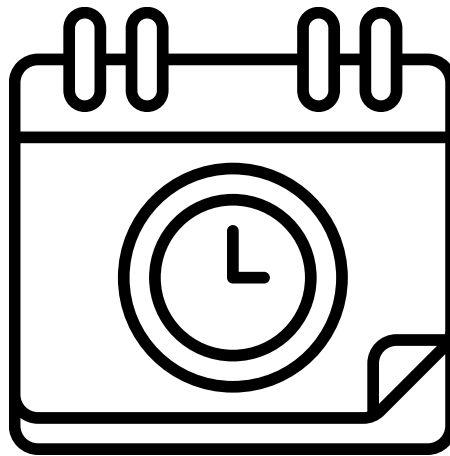
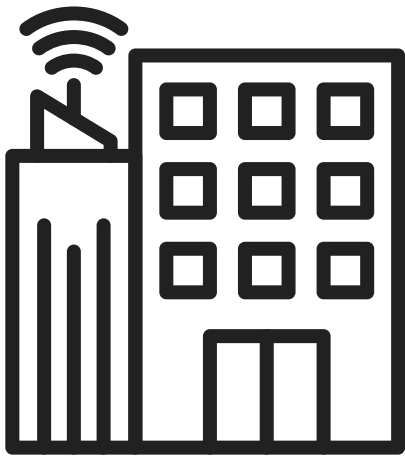
SMART ZONE

- Basic calculations for programming
- Basic programming
- Access, analyse and visualise structured data
- Model and develop RPA solutions
- Execute test procedures for RPA performance
- Deploy RPA solutions in digital systems
- Modify and improve existing RPA solutions
- Function ethically in a multidisciplinary team
- Apply design thinking methodologies

Features of this Course

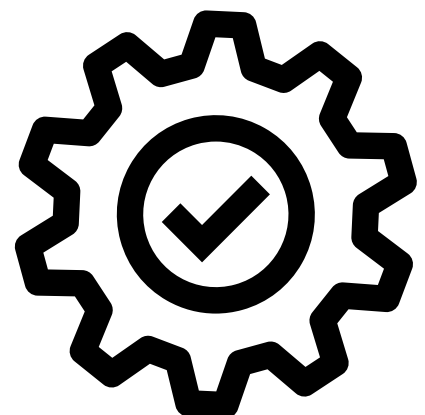
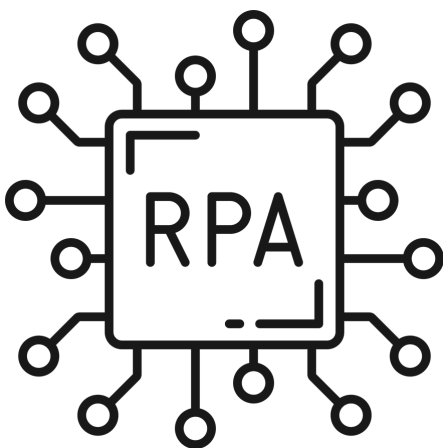
SMART ZONE

- Curriculum-aligned RPA Developer content
- Covers knowledge, practical skills and workplace application
- Introduces RPA tools, workflow automation and SDLC
- Includes data, SQL, scraping and visualisation basics
- Focus on governance, ethics, security and compliance
- Suitable for beginners and entry-level automation learners



BENEFITS OF THIS SHORT COURSE

- Gain a clear understanding of RPA and business-process automation
- Develop a foundation for building, testing and deploying RPA solutions
- Improve employability in IT, digital operations and automation support
- Learn how automation can improve accuracy, efficiency and productivity
- Understand ethical, secure and compliant use of automation technology
- Build confidence to participate in multidisciplinary project teams





SIGN UP NOW

SIGN UP NOW AND SECURE YOUR PLACE

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3. Fill in the registration form.
4. Choose your payment method and finalize the booking.

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Accreditation



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