



Robotic Processing Automation Developer (NQF 5) Certificate



Robotic Process Automation

Careers Business Institute has been empowering the community since its inception in 1991. We provide a comprehensive range of Management, Office Administration, Financial and IT courses that have been designed to help you launch your successful career. The Careers Training Group has campuses in Umhlanga Ridge and at the Chatsworth Centre in Kwazulu Natal



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Robotic Processing Automation (RPA) Developer Certificate (NQF 5)

What is a Robotic Processing Automation (RPA) Developer?

Robotic process automation (RPA) is a software technology that makes it easy to build, deploy, and manage software robots that emulate humans actions interacting with digital systems and software. Just like people, software robots can do things like understand what's on a screen, complete the right keystrokes, navigate systems, identify and extract data, and perform a wide range of defined actions. But software robots can do it faster and more consistently than people, without the need to get up and stretch or take a coffee break.



The RPA technology is changing how the world gets work done. Software robots—instead of people—do repetitive and lower-value work, like logging into applications and systems, moving files and folders, extracting, copying, and inserting data, filling in forms, and completing routine analyses and reports. Advanced robots can even perform cognitive processes, like interpreting text, engaging in chats and conversations, understanding unstructured data, and applying advanced machine learning models to make complex decisions. Businesses get a boost too: higher

productivity, efficiency, and resilience. It's no wonder that RPA is rewriting the story of work.

The RPA Developer Solution by Quality Council for Trades & Occupations (QCTO)

The QCTO is responsible for overseeing the development, implementation and maintenance of occupational qualifications within the South African National Qualifications Framework (NQF).



As an integral part of South Africa's education and training system, the QCTO is responsible for ensuring that the skills development programmes meet the required standards and are in line with South Africa's economic and social goals.

By setting and maintaining high standards, the QCTO contributes to the overall improvement of skill development and workforce quality.

Is a Career in Robotics for me?

RPA Developer Career have the following characteristics; Adaptability, resourcefulness, and the ability to troubleshoot and problem-solve in high-pressure situations. They also have good communication and teamwork skills.

If you are any of these archetypes, you may be well suited to be a Robotics Developer.

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Robotic Processing Automation (RPA) Developer Certificate at Careers Business Institute

This program empowers learners to become Robotic Process Automation (RPA) Developers. Working collaboratively with developers and solution architects, they'll design and implement software solutions that automate business processes.



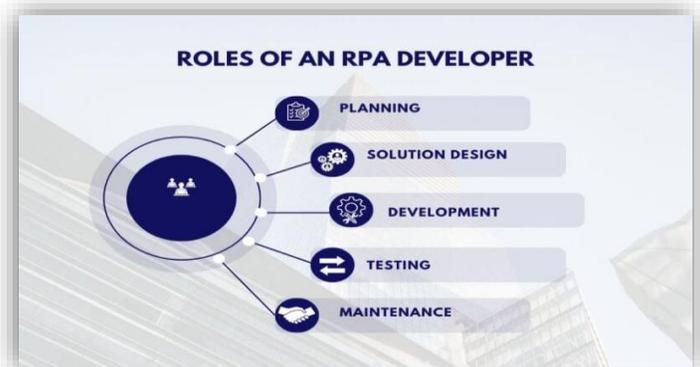
The curriculum dives deep into core functionalities of RPA development. Learners master the use of RPA tools and frameworks to configure software robots. These robots automate repetitive, rule-based tasks across various applications and data sources, leading to streamlined workflows and boosted operational efficiency.

Careers Business Institute have been producing professional graduates for over 30 years, being Nationally & Internationally accredited has assisted our alumni in finding employment sooner!

I'm a Certified Robotic Processing Automation (RPA) Developer, What now?

Certified RPA Developers have a wide range of Career Opportunities available. We have listed some of the more widely available careers for certified RPA developers;

- RPA Developer
- RPA Business Analyst
- RPA Solution Architect
- RPA Consultant



Students have the option of specialization through Information Technology (IT) programs offered at Careers Business Institute. Are you looking to become a Software Engineer or a Cyber Security Specialist? Join the Software Engineer (NQF 6) certificate or move onto the Cyber Security Expert (NQF 5) Qualification to have access to higher level IT employment opportunities. Contact a Careers Business Institute Campus to find more about these courses and their requirements!



Robotic Processing Automation (RPA) Developer Certificate (NQF 5)

Course Breakdown: Knowledge Modules

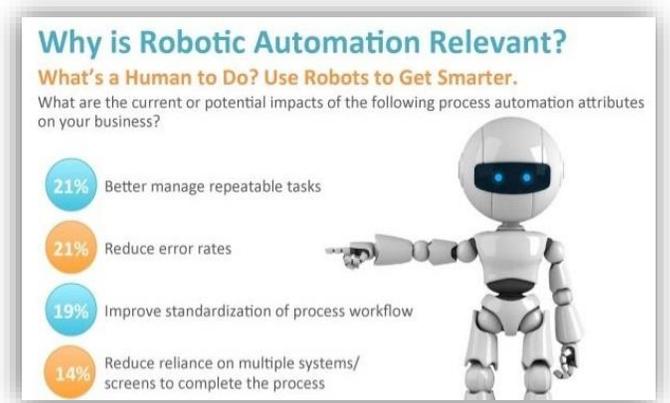
- Overview of Robotic Process Automation
- Basic Calculations and Logical Thinking: Revision
- Computers and Computing Systems
- Computing Theory
- Data, Databases and Data Scraping
- Introduction to RPA for Automation of Processes
- Robotic Process Automation (RPA)
- Introduction to RPA Governance,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

Course Breakdown: Practical Modules

- Use Software to Communicate and Visualize Information
- Basic Calculations for Programming
- Basic Programming
- Access, Analyze and Visualize Structured Data using Spreadsheets and Scraping Tools
- Model and Develop Robotic Automated Process (RPA) Solutions
- Execute Test Procedures for Evaluating the RPA Solution Performance
- Deploy RPA Solutions which Emulate Actions of a Human Interacting within Digital Systems
- Modify and Improve Existing RPA Solutions
- Function Ethically and Effectively as a Member of a Multidisciplinary Team
- Apply Design Thinking Methodologies

Course Breakdown: Work Experience Modules

- RPA Solution Design Interpretation and Development
- RPA Solution Performance Testing
- RPA Solution Deployment, Modification and Improvement



Minimum Requirements & Details

Minimum Requirements: Grade 12 (English) or any NQF 4 Qualification

Full - Time: 1 Years (Part time also available)

SAQA ID: 119242 Credits: 185

Assessment method: External Integrated Summative Assessment (EISA).

Includes FREE Learning Materials – No hidden costs!

Course Fees

Careers Business Institute has developed easy payment options for all courses. Please enquire for a full fee schedule