BCONSULT

Occupational Certificate

ROBOTIC PROCESS AUTOMATION (RPA) DEVELOPER

NQF Level 5 | SAQA ID 119242 | 185 Points | 12 Months

Occupational Certificate:

Robotic Process Automation (RPA) Developer – NQF Level 5

SAQA ID: 119242 | **Credits**: 185 | **Duration**: 12-month | QCTO Learnership

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1. Course Overview

The Occupational Certificate: Robotic Process Automation (RPA) Developer – NQF Level 5 is designed to prepare learners for the fast-growing field of digital transformation and automation. This qualification equips individuals with the skills to analyse business processes, design automation solutions, and build RPA bots using leading industry tools. Learners will develop, test, and maintain software robots that improve operational efficiency across multiple industries, positioning them for in-demand careers in automation.

2. Learning Outcomes

O On completion of this programme, learners will be able to:

- Analyse and document business processes suitable for automation.
- Design RPA workflows and develop software robots using RPA tools.
- Apply logic and scripting to configure bots for different applications.
- Test, debug, and deploy bots into production environments.
- Monitor, maintain, and optimise automated processes.
- Adhere to governance, security, and compliance standards in automation.

KNOWLEDGE MODULES

Curriculum Code	Knowledge Module	NQF Level	Credits
251201004-KM-01	Overview of Robotic Process Automation	4	2
251201004-KM-02	Basic Calculations and Logical Thinking Revision	4	4
251201004-KM-03	Computers and Computing Systems	4	3
251201004-KM-04	Computing Theory	4	4
251201004-KM-05	Data, Databases and Data Scraping	4	4
251201004-KM-06	Introduction to RPA for Automation of Processes	5	12
251201004-KM-07	Robotic Process Automation (RPA)	5	12
251201004-KM-08	Introduction to RPA Governance, Legislation and Ethics	4	1

251201004-KM-09	Fundamentals of Design Thinking and Innovation	4	1
251201004-KM-10	4IR and Future Skills	4	4

PRACTICAL SKILLS MODULES

Curriculum Code	Practical Skills Module	NQF Level	Credits
251201004-PM-01	Basic Calculations for Programming	4	8
251201004-PM-02	Basic Programming	4	8
251201004-PM-03	Access, Analyse and Visualise Structured Data using Spreadsheets and Scraping Tools	5	6
251201004-PM-04	Model and Develop Robotic Automated Process (RPA) Solutions	5	14
251201004-PM-05	Execute Test Procedures for Evaluating the RPA Solution Performance	5	10
251201004-PM-06	Deploy RPA Solutions which Emulate Actions of a Human Interacting within Digital Systems	5	6
251201004-PM-07	Modify and Improve Existing RPA Solutions	5	6
251201004-PM-08	Function Ethically and Effectively as a Member of a Multidisciplinary Team	4	4
251201004-PM-09	Apply Design Thinking methodologies	4	4

WORKPLACE MODULES

Curriculum Code	Workplace Module	NQF Level	Credits
251201004-WM-01	RPA Solution Design Interpretation and Development	5	28
251201004-WM-02	RPA Solution Performance Testing	5	24
251201004-WM-03	RPA Solution Development, Modification and Improvement	5	20

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3. A Qualified Learner Will Be Able To:

- Identify and evaluate processes for automation.
- Develop RPA solutions aligned to organisational requirements.
- Apply programming and scripting skills to configure bots.
  Deploy and support bots in live business environments.
- Ensure automation aligns with compliance and
  governance standards

Entry Requirements

- A NQF Level 4 qualification with a foundation in IT, logic, or mathematics.
- Recognition of Prior Learning (RPL) may apply for candidates with relevant experience in process improvement, programming, or automation.

4. International Comparability

This qualification is benchmarked against international best practices in Robotic Process Automation. Learners will gain exposure to globally recognised RPA platforms, including:

- Automation Anywhere
- Blue Prism
- UiPath

These tools are widely adopted across financial services, healthcare, retail, manufacturing, and the public sector, ensuring learners gain relevant and marketable skills.

5. Occupational Trainer – NQF Level 4 Certification

This qualification builds on foundational IT and process skills typically acquired at NQF Level 4. It prepares learners for more advanced automation roles by providing a solid grounding in RPA development, ensuring progression to specialist and consultant-level positions in the automation industry.

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6. Potential Career Opportunities

Graduates of this qualification can pursue roles such as:

- Automation Analyst
- RPA Business Analyst
- Process Automation Consultant
- Intelligent Automation Engineer
- Workflow Developer
- Software Bot Designer
- RPA Developer

These career opportunities are in high demand as organisations adopt automation to drive efficiency and digital transformation.

7. Learning Options

Blended Learning – A combination of instructor-led sessions, online training, and workplace-based projects. Learners will also complete a capstone project where they design and implement an end-to-end automation solution, supported by practical workplace experience.