OCCUPATIONAL CERTIFICATE

Cybersecurity Analyst

SAQA ID	NQF LEVEL	CREDITS	QUALITY PARTNER
118986	5	173	MICT SETA

OVERVIEW

The purpose of this qualification is to prepare a learner to operate as a Cybersecurity Analyst.

Cybersecurity Analysts apply the practice of protecting assets such as networks, computer systems and information assets from malicious attacks and threats. They assess and mitigate risks and potential intrusions and identify risks and vulnerabilities. They study existing techniques for managing security issues and maintaining the security of information and systems in the working environment, ensuring legal compliance.

WHAT YOU WILL BE ABLE TO DO

A qualified learner will be able to:

- Demonstrate knowledge and understanding of cybersecurity concepts.
- Investigate how cybersecurity affects legal compliance and solidarity in companies and communities.
- Assess risk to assets and evaluate current cybersecurity protection measures.
- Implement detection, protection and prevention systems and respond to breaches or incidences.

MODULES

Knowledge Modules

- Introduction to Cybersecurity
- Fundamentals of Network Security and Defence
- Cybersecurity and Cyber Threats and Attacks
- Introduction to Cybersecurity Governance, Legislation and Ethics
- Fundamentals of Design Thinking and Innovation
- Logical Thinking and Basic Calculations
- Computers, Devices and Computing Systems
- Data and Database Vulnerabilities
- Introduction to 4IR and Future Skills

Practical Skill Modules:

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- Ensure Compliance in terms of Legal Cybersecurity Requirements and National and International Standards
- Assess Risks and Vulnerabilities and Current Security Measures
- Implement Protection, Prevention and Detection Measures to Mitigate Risk, Violations and Vulnerabilities
- Apply Logical Thinking and Maths
- Apply Basic Scriptwriting for Cybersecurity Toolsets
- Access and Visualise Structured Data Using Spreadsheets
- Apply Design Thinking Methodologies
- Function Ethically and Effectively as a Member of a Multidisciplinary Team

Work Experience Modules:

- Compliance with Legal Cybersecurity Requirements
- Cybersecurity Risk Assessment and Mitigation
- Cybersecurity Detection, Protection and Prevention Processes

CAREER OPPORTUNITIES

Cybersecurity Analysts can be employed as Cybersecurity Specialists, Information Security Specialists, Security Analysts, Cyber Monitoring Analysts, Security Consultants or Network Security Analysts.

ENTRY REQUIREMENTS

NQF Level 4 qualification.

ASSESSMENT

Integrated Formative Assessment (Internal) Integrated summative assessment (EISA)

ACCREDITATION

Type	Accreditation number	Valid until
QCTO SDP	07-QCTO/SDP180326110619	12 Mar 2031
QCTO SDP	07-QCTO/SDP180326112952	12 Mar 2031

Verify any accreditation and download letters at www.gcc-sd.com/accreditations

Run this qualification as a learnership

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