

Higher Certificate in Information Systems (Cyber Security)



SAQA ID 102780-ISCS NQF level 5

Qualification duration

Mastery Learning Methodology (MLM) Route

Minimum: 1 year full time
Maximum: 2 ½ years part time

Lecture-Based Learning (LBL) Route

Minimum: 1 year full time

Qualification start date

For MLM path, students can start any day of the month in January until February. Thereafter, from March to December only on the first Monday of each month.

For the LBL path, students start lectures on the first Monday of February (first intake). Thereafter, second intake starts on the last Monday of March and the mid-year intake starts on the second Monday of July.

Qualification description

The fourth industrial revolution also referred to as industry 4.0 is a new phase in the industrial revolution that also focuses heavily on Cyber Security. Information technology security (also known as Cyber Security) is the protection of computer systems, networks, programs and data from unauthorized access or attacks that are aimed for exploitation. It also includes activities to protect the usability, reliability, integrity and safety of the network.

The Higher Certificate in Information Systems (Cyber Security) is a career-focused qualification that is intensive but also broad. It provides you with the fundamental and technical knowledge as well as the applicable skill set in Computer Hardware, Networking Technologies, Security, Penetration Testing, Cyber Security Analysis and Advanced Security Practices.

Entry requirements

- National Senior Certificate (NSC) with diploma or Higher Certificate entry or an equivalent foreign secondary qualification or international school-leaving certificate on an NSC level (NQF 4) confirmed by SAQA.

Or

- National Certificate (Vocational) level four issued by the Council of General, Further Education, and Training.

And

- You must have obtained the required results in the Placement Assessment.

Qualification accreditation

- Higher Education Quality Committee (HEQC) of the Council on Higher Education (CHE)
- South African Qualifications Authority (SAQA)

Possible career options

The career choices for you as a Higher Certificate in Information Systems (Cyber Security) graduate include junior positions in:

- A+ Preparation
 - Support Specialist, Desktop Support Analyst
 - Help Desk Technician, Computer Technician
- Network+ Preparation
 - Network Administration, Network Analyst
 - Network Support Specialist
 - Systems Administrator
- Security+ Preparation
 - IT Auditor, Security Specialist
 - Security Engineer, Security Administrator
- Penetration Testing
 - Penetration Tester, Security Analyst
 - Vulnerability Assessment Analyst
 - Network Security Operations
- Cyber Security Analysis
 - Cyber Security Analyst, Vulnerability Analyst
 - Threat Intelligence Analyst, Security Engineer
 - IT Security Analyst, SOC Analyst
- Advanced Security Practices
 - Security Architect, Technical Lead Analyst
 - Application Security Engineer

This programme is offered at the following campuses

- Selected Campuses

Qualification structure

- A+ Preparation
- Advanced Security Practices
- Cyber Security Analysis
- Computer Literacy
- Network+ Preparation
- Penetration Testing
- Personal Skills Development
- Security+ Preparation