

Occupational Certificate: Computer Technician

SAQA: 101408 | NQF Level: 5 | Total Credits: 282 | Duration: 2 Years (4 Semesters)

Accreditation Authority: Quality Council for Trades and Occupations

Step into the world of technology with the Computer Technician, designed to equip you with essential skills in computer hardware, software management, network troubleshooting and cybersecurity. This qualification prepares you to provide technical support, optimise systems and troubleshoot IT related issues.

Admission Requirements

To register for this qualification, candidates must meet one of the following criteria:

- ❖ National Senior Certificate (NSC) or equivalent NQF Level 4
- ❖ Recognition of Prior Learning (RPL) is available.

Qualification Structure

This Qualification consists of knowledge, practical skills and workplace experience modules that are divided over two years providing a comprehensive understanding of computer technician.

Module	Description	NQF Level	Credits
YEAR 1 - SEMESTER 1			
Knowledge Modules			
KM-01	Introduction to data communication and networking	5	15
KM-02	Basic of computer architecture hardware	5	30
Practical Modules			
PM-01	Install computer software and hardware	4	5
PM-03	Maintain computer and network security	4	8
Work Modules			
WM-02	Set up equipment for users ,check operating systems performance and ensure proper installation of cables and software	5	25
YEAR 1 - SEMESTER 2			
Knowledge Modules			
KM-03	Basic of computer architecture software	5	30
KM-04	Basic concepts of sustainable computer environment and green technologies	4	10
Practical Modules			
PM-02	Troubleshoot computer and network faults	5	30
Work Modules			
WM-03	Process of maintaining computer systems and peripherals	5	15
YEAR 2 - SEMESTER 3			
Knowledge Modules			
KM-05	Social Media and Digital Literacy	4	5
KM-06	End User Computing	3	6
Practical Modules			
PM-04	Provide support to end users	5	30
Work Modules			
WM-05	Maintain records of daily data communication transactions, problems and remedial actions takes or installation services	4	20
YEAR 2 - SEMESTER 4			
Knowledge Modules			

KM-07	Business communication and customer services	5	8
KM-08	Ready for work standards	4	5
Work Modules			
WM-04	Identify the potential green technologies process and procedures for cost effective application and create a sustainable computer environment to reduce e-waste	4	10
WM-01	Respond to user enquiries regarding fault request	5	30

Career Opportunities

Upon completing this qualification, Students can pursue various career opportunities, including:

- ❖ ICT Support Technician
- ❖ Help-desk Support Technician
- ❖ Network Support Technician
- ❖ Junior Systems Administrator

Articulation Options

- ❖ **Horizontal:** Higher Certificate in ICT Support (NQF Level 5)
- ❖ **Vertical:** Advanced Certificate in IT (NQF Level 6)
- ❖ **Diagonal:** Advanced Certificate in Future Technologies and Innovation (NQF Level 6)