



CAREERS
BUSINESS INSTITUTE

www.cb institute.co.za

Occupational Certificate: Computer Technician (NQF 5)



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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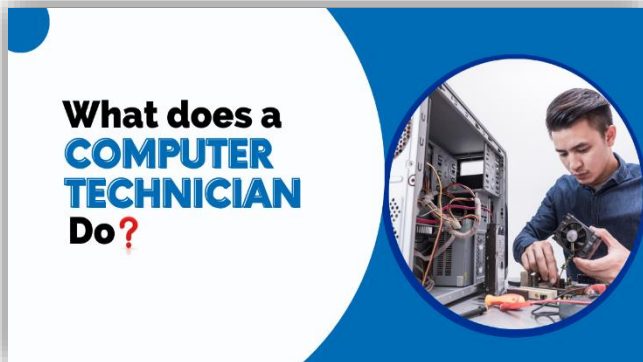
Pastel
Business Partner
Authorised
Training Centre

QCTO
Quality Council for Trades & Occupations

Occupational Certificate: Computer Technician (NQF 5)

What is a Computer Technician?

Computer technicians or computer service technicians are workers who install, diagnose problems, repair, maintain and upgrade a wide variety of computer and peripheral equipment. Being a computer technician involves having the knowledge on how to build a PC from scratch, develop problem-solving techniques, run tests and diagnostics, technical support and installations.



Technicians are responsible for carrying out high quality repair and maintenance on the equipment for which they are responsible. They need a thorough knowledge of both theoretical and practical electronics and how to effectively use all the diagnostic tools and techniques available to minimize disruption to the customer and to improve productivity. Computer technicians also need the necessary software skills required for the type of equipment that they maintain

Since technology is always changing and improving, technicians' training will continue throughout their career. Technicians work indoors in computer rooms and departments of customers. They often need to travel between jobs or customers, although distances are usually short

The Computer Technician 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 Computer Technician Career for me?

Computer Technicians 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 Computer Technician.

Occupational Certificate: Computer Technician (NQF 5)

Occupational Certificate: Computer Technician at Careers Business Institute

The Occupational Certificate: Computer Technician (NQF 5) empowers learners with the technical expertise to thrive as Computer Technicians. They'll master the skills to install, maintain, and troubleshoot computer hardware, software, and network systems.

This comprehensive curriculum equips graduates to diagnose and resolve technical issues across various computer components, operating systems, and software applications.



Beyond software, students will gain proficiency in network administration, configuring, managing, and troubleshooting network infrastructure to ensure smooth connectivity and data flow.

The program emphasizes system optimization and maintenance, empowering graduates to perform preventative maintenance, optimize system performance, and implement updates to maintain system health and security. 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 Computer Technician, What now?

Certified Computer Technicians have a wide range of Career Opportunities available. We have listed some of the more widely available careers for certified technicians;

- Computer Technician
- IT Support Specialist
- Help Desk Technician
- Network Administrator

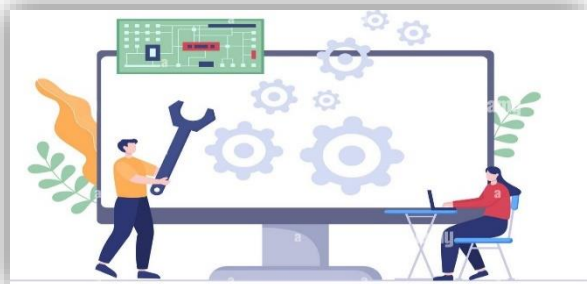


Students have the option of specialization through Information Technology (IT) programs offered at Careers Business Institute. Are you looking to become a Computer Technician or a Cyber Security Specialist? Join the Occupational Certificate: Software Development (NQF 5) or move onto the Cyber Security 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!

Occupational Certificate: Computer Technician (NQF 5)

Course Breakdown: Knowledge Modules

- Introduction to Data Communication and Networking
- Basics of Computer Architecture: Hardware
- Basics of Computer Architecture: Software
- Basic Concepts of Sustainable Computer Environment and Green Technologies
- Social Media and Digital Literacy
- End User Computing
- Business communication and customer services



Course Breakdown: Practical Modules

- Monitor On-Demand Availability of Data Storage, Storage Capacity and Storage Services over the Internet
- Troubleshoot computer and network faults
- Maintain computer and network security
- Provide support to end Users & Install computer software and hardware

Course Breakdown: Work Experience Modules

- Respond to user inquiries regarding fault request
- Set up equipment for users, check operating system performance and ensure proper installation of cables and software
- Processes of maintaining computer systems and peripherals
- Identify the potential green technologies, processes and procedures for cost effective application and create a sustainable computer environment to reduce e-waste
- Maintain records of daily data communication transactions, problems and remedial actions taken, or installation activities

Minimum Requirements & Details

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

Full - Time: 2 Years (Part time also available)

SAQA ID: 101408 Credits: 282

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