OCCUPATIONAL CERTIFICATE

# Laptop Repairer

| SAQA ID | NQF LEVEL | CREDITS | DURATION | QUALITY PARTNER |
|---|---|---|---|---|
| 122449 | 4 | 116 | 12 Months | MICT SETA |

## OVERVIEW

The Occupational Certificate: Laptop Repairer prepares learners to maintain, test, diagnose, and repair various types of laptops. It is ideal for individuals wishing to join the mobile computing industry, as well as current salespersons and repairers seeking a formal qualification to validate their skills, advance in technical or sales streams, or establish their own small businesses. Currently, the laptop repair environment is proliferated with individuals who are trained on the job without formal qualifications, hence the need for a formal qualification targeted at people who wish to join the laptop repair industry, or those that are currently working in this industry as salespersons and repairers. They will be performing duties related to fault-finding, repair, and maintenance of electronic equipment such as laptops.

This part-qualification will empower the learners with the required skills that will allow them to enter this market of laptop repairing with the skills and knowledge to work either in the sales stream or the technical stream. It will permit individuals to increase their employability or become self-employed by starting their own small businesses with a potential of employing others.

This part-qualification will benefit societies by ensuring better quality products and services. The sector will benefit from laptop repairers with a set of competencies aligned to industry regulated standards for products and services. The economy will benefit from increased revenue due to increased employment opportunities, entrepreneurship due to emerging Small and medium-sized enterprises (SMME's) that will create employment and pay tax. It will also allow the country to embark on localisation of manufacturing of electronic devices and components, once there are enough skilled personnel capable of innovation locally. The availability of suitably qualified laptop repairers will permit quick recovery for faulty computing devices by reducing business interruptions for individuals and businesses and allowing economic activities to carry on.

Upon completion, the qualification will provide learners with opportunities for professional development and career advancement within the broader electronic computing device environment, including Mobile Computing Technicians, Senior Technicians, Team Leaders, Master Technicians, Sales Officers, Sales Representatives, Senior Sales Representatives, Mobile Repair Centre Managers, Mobile Devices Warehouse Managers.

## WHAT YOU WILL BE ABLE TO DO

Remove, update, and install software and firmware used for laptops according to manufacturer's specifications and procedures. Assess, dismantle, repair, and reassemble laptop hardware according to standard operating procedures. Diagnose and repair laptops according to standard operating procedures.

## MODULES

This part-qualification is made up of compulsory Knowledge, Practical Skill and Work Experience Modules:

Knowledge Modules: 672205-001-00-KM-01, Workplace fundamentals, Level 2, 2 Credits 672205-001-00-KM-02, Foundational Concepts for Mobile Computing Device Technician, Level 4, 2 Credits. 672205-001-00-KM-03, End User Computing, Level 4, 4 Credits 672205-001-00-KM-04, Business Communication and Customer Services, Level 4, 2 Credits 672205-001-00-KM-05, Entrepreneurship in the Mobile Computing Device Industry, Level 4, 4 Credits 672205-001-00-KM-06, Introduction to Data Communication and Networking, Level 5, 2 Credits 672205-001-00-KM-07, Basic Electrical and Electronic Principles, Level 4, 4 Credits 672205-001-00-KM-08, Digital Components and Circuits, Level 4, 4 Credits. 672205-001-00-KM-09, Mobile Device Schematic Diagrams, Level 4, 4 Credits. 672205-001-00-KM-10, Fundamentals of Laptops Architecture: Hardware Level 4, 4 Credits 672205-001-00-KM-13, Fundamentals of Laptops, Architecture: Software, Level 4, 4 Credits 672205-001-00-KM-16, Legislation and Guidelines that Governs a Mobile Computing Device Technician, Level 4, 2 Credits. 672205-001-00-KM-17, Diagnosing and Problem Solving, Level 5, 4 Credits.

Total number of credits for Knowledge Modules: 42

Practical Skill Modules: 672205-001-00-PM-01, Work Safely and Respond to Incidents, Level 2, 2 Credits 672205-001-00-PM-02, Use Tools and Equipment, Level 3, 8 Credits 672205-001-00-PM-03, Calibrate and Test Instrumentation Equipment, Level 3, 4 Credits 672205-001-00-PM-04, Join Materials, Level 4, 4 Credits 672205-001-00-PM-05, Remove, Update and Install Software and Firmware, Level 4, 4 Credits 672205-001-00-PM-06, Remove and Install Components, Level 4, 8 Credits. 672205-001-00-PM-07, Work with Electronic Components, Level 5, 4 Credits. 672205-001-00-PM-08, Maintain and Service Components, Level 5, 8 Credits. 672205-001-00-PM-09, Assess, Dismantle, Repair and Reassemble Laptops: Hardware Level 4, 4 Credits. 672205-001-00-PM-13, Diagnose and Repair Laptops: Software, Level 5, 4 Credits.

Total number of credits for Practical Skill Modules: 50

Work Experience Modules: 672205-001-00-WM-01, Optimise Laptops, Level 4, 8 Credits. 672205-001-00-WM-04, Assessing, Dismantling and Repairing Laptops: Hardware, Level 4, 8 Credits. 672205-001-00-WM-07, Diagnosis and Repairing of Laptops: Software, Level 5, 8 Credits.

Total number of credits for Work Experience Modules: 24

## CAREER OPPORTUNITIES

Mobile Computing Technician Senior Technician Team Leader Master Technician Sales Officer Sales Representative Senior Sales Representative Mobile Repair Centre Manager Mobile Devices Warehouse Manager

## ENTRY REQUIREMENTS

An NQF Level 3 qualification with Communication

## ASSESSMENT

The qualification requires both internal and external assessments:

Integrated Formative Assessment: Conducted internally by Skills Development Providers based on curriculum criteria and weighting to prepare learners for external evaluation.

Integrated Summative Assessment (EISA): Conducted through the QCTO Assessment Quality Partner (MICT SETA), focusing on Exit Level Outcomes, associated assessment criteria, and a workplace portfolio of evidence.

## ACCREDITATION

| Type | Accreditation number | Valid until |
|---|---|---|
| QCTO SDP | 07-QCTO/SDP050326225916 | 26 Feb 2031 |
| QCTO SDP | 07-QCTO/SDP050326230308 | 26 Feb 2031 |

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

### Run this qualification as a learnership

Request a proposal: www.gcc-sd.com/request-a-proposal?qualification=laptop-repairer-122449