

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/01/5

Perform Computer Networking

July/August 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

Duration: THROUGHOUT UNIT TRAINING PERIOD

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following task

Set up a functional Local Area Network.

2. You have been provided with the following resources for the practical task:

- *Routers*
- *Switches*
- *Ethernet cable*
- *RJ45 connectors*
- *Two working computers*
- *Customized IP address scheme*
- *Tools for networking*
- *Network software tools*
- *Foils caps and Pen*

Task: Set up a functional Local Area Network

Assume you have been appointed to be the acting ICT support technician in your institution.

Your task is to set up a functional Local Area Network environment to support both internet access and internal communications. Your task is to:

- i. Identify and prepare all necessary networking tools.
- ii. Set up and connect a basic Local Area Network within two computers.
- iii. Assign static IP addresses to the two computers and configure a default gateway.
- iv. Install and configure basic networking software and ping the two computers.
- v. Configure firewall settings
- vi. Test cable integrity and network connectivity.
- vii. Create a basic report showing configuration and testing results.