

	Unit ID: 2327
Domain	INFORMATION AND COMMUNICATION TECHNOLOGY- FOUNDATION
Title:	Recognise Personal Computer (PC) equipment and accessories
Level: 1	Credits: 5

Purpose

This unit standard is intended for those who recognise personal computer (PC) equipment and accessories. People credited with this unit standard are able to demonstrate knowledge of the impact of computing on society; identify the types of computers; demonstrate the knowledge of main internal computer components; explain different PC devices; demonstrate an understanding of different display devices; identify the different printers and scan devices; identify various connectors and ports; demonstrate an understanding of health and safety standards when handling PC equipment and accessories.

This unit standard is intended for those who work in the information and communication technology environment.

Special Notes

1. Entry information:
Prerequisite:
 - None
2. This unit standard is to be delivered and assessed in the context of information and communication technology.
3. Assessment evidence may be collected from a real or a simulated workplace in which ICT operations are carried out.
4. Performance of all elements in this unit standard must comply with industry standards
5. Regulations and legislation relevant to this unit standard include the following:
 - Labour Act 2007(Act no 11,2007)
 - Regulations relating to the health and safety of employees at work under schedule 1 (2) of the Labour Act No.11 of 2007 and all subsequent amendments
 - Workplace specific policies and regulations

Quality Assurance Requirements

This unit standard and others within this sub-field may be awarded by institutions which meet the accreditation requirements set by the Namibia Qualifications Authority and the Namibia Training Authority and which comply with the national assessment and moderation requirements. Details of specific accreditation requirements and the national assessment arrangements are available from the Namibia Qualifications Authority on www.namqa.org and the Namibia Training Authority on www.nta.com.na

Elements and Performance Criteria

Element 1: Demonstrate knowledge of the impact of computing on society

Performance Criteria

- 1.1 History of computing is outlined.
- 1.2 Role of computers in society is explained.
- 1.3 Impact of technology changes on society is described.

Element 2: Identify the types of computers

Range

Types of computers may include but are not limited to desktop PC, laptop, servers, and handheld.

Performance Criteria

- 2.1 Types of computers are identified.
- 2.2 Functions of types of computers are explained.

Element 3: Demonstrate the knowledge of main internal computer components

Range

Components may include but are not limited to the hard drive, RAM, Fan, Heat Sink, and Processor.

Performance Criteria

- 3.1 Main internal computer components are identified. 299454

- 3.2 Main internal computer components are classified.
- 3.3 Uses and benefits of different main internal components are discussed.

Element 4: Explain different PC devices

Range

PC devices may include but are not limited to the keyboard, monitor, mouse and the printer.

Performance Criteria

- 4.1 PC devices are identified.
- 4.2 PC devices are classified.
- 4.3 Uses and benefits of different devices are discussed.

Element 5: Demonstrate an understanding of different display devices

Range

Display devices may include, but not limited to flat screens, video projectors and smart boards.

Performance Criteria

- 5.1 Usage of Flat Screen TV (LCD, Plasma, LED, and CRT) is described.
- 5.2 Video Projectors (LCD, DLP, and LED) are demonstrated according to specific manufacturer instructions.
- 5.3 Smartboards are explained.
- 5.4 Uses and benefits of different display devices are discussed.

Element 6: Identify the different printers and scan devices

Range

Types of printers and scan devices may include but are not limited to ink Jet, colour ink, laser Jet, Ribbon, Dot Matrix, thermal and Plotter Printer

Performance Criteria

- 4.1 Types of printers and scan devices are identified.

4.2 Functions of printers and scan devices are explained.

Element 7: Identify various connectors and ports

Range

Various connectors and ports may include, but not limited to VGA, USB, Ethernet Ports, HDMI, Serial Port, PS2 ports, LPT1, line in, auxiliary ports

Performance Criteria

- 7.1 Various connectors and ports are identified.
- 7.2 Use of various ports and connectors are explained.

Element 8: demonstrate an understanding of health and safety standards when handling PC equipment and accessories

Performance Criteria

- 8.1 Relevant health and safety procedures are stated.
- 8.2 Health and safety procedures are applied when handling PC equipment and accessories.

Registration Data

Subfield:	Information and Communication Technology
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