

# Study Session 1

# Introduction to Digital Technology

## Introduction to Digital Technology Outline

- Overview of Computers
- Operating Systems
- Hardware & Software
- Digital Technologies
- The Internet
- Browsers, Search Engines, Emails
- Social Media
- Cloud Computing
- Cyber Security

## Study Session Duration

This Study Session requires a minimum of four (4) hours formal study time.

You may spend an additional 2-3 hours on revision.

## Preamble

Even though it is probably true that most literate people have at one time or the other used or encountered a computer in their everyday tasks, a lot of these users still misconstrue what exactly a computer is. Most times, people do imply or perceive that a computer is just a laptop or desktop, but a computer is much more than this. In this Study Session, you will get to know what exactly a computer is and what it entails.

With the increasing use of computers and new technologies emerging every day. Computers come with a bunch of digital tools and applications and it is expected that every user should be able to use these tools proficiently. This Study Session covers the basic knowledge and skills expected of a beginner that is just starting to use computers for their everyday task.

## **Learning Outcomes of Study Unit 1**

Upon completion of this study unit, you should be able to:

- 1.1 Describe and Classify Computers
- 1.2 Explain Operating System (OS) and what it does
- 1.3 Differentiate between Hardware and Software
- 1.4 Explain Digital Literacy and technologies involved
- 1.5 Use Basic Digital Tools like the Internet, Emails and Social Media
- 1.6 Mitigate and Prevent Cyber Threats using preventive measures.

