

## Learning Guide Unit 7

### Overview

#### Unit 7: Security and Protection

##### Topics:

- Security Threats (Malware)
- Attacks
- Protection Mechanisms (Access Control, Security Policies, Encryption and Cryptography)

##### Learning Outcomes:

By the end of this unit, you will be able to:

- Identify common security threats and attacks.
- Explain various protection mechanisms and their implementation.
- Compare encryption and cryptography in the context of operating system security.

##### Tasks:

- Read through the Learning Guide and the Reading Assignment.
- Complete and submit the Assignment Activity.
- Take and submit the Self-Quiz.