

## Learning Guide Unit 2

### Overview

#### UNIT 2: Computer Network Operations

##### Topics

- Traffic Engineering
- Virtual Private Networks (VPNs)
- Security concerns in Virtual Private Networks (VPNs)
- Wireshark's advanced user interface and Configurations

##### Learning Objectives

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

1. Explain Virtual Private Networks (VPNs) and security concerns in implementing VPNs.
2. Explain the use of Software Defined Networking (SDN) as a network traffic engineering technique with its merits and demerits.
3. Identify the types of network packet protocols using Wireshark's advanced user interface.

##### Tasks

- Peer assess Unit 1 Written Assignment.
- Read through the Learning Guide and the Reading Assignment
- Complete the Discussion Assignment by posting in the Discussion Forum
- Respond to three of your fellow classmates' posts in the Discussion Forum
- Complete and submit the Written Assignment
- Complete and submit the Learning Journal
- Take and submit the Self-Quiz