

Learning Guide Unit 2

Overview

UNIT 2: Combinational Logic Design

Topics:

- Combinational circuits and their analysis
- Designing combinational circuits using logic gates
- Multiplexers, Decoders, and Encoders, De-Multiplexors

Learning Objectives:

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

- Explain the concept of combinational circuits and their applications.
- Demonstrate the ability to design combinational circuits using logic gates.

Tasks:

- Read the Learning Guide and the Reading Assignment
- Complete the Discussion Assignment by posting in the Discussion Forum
- Respond to two of your fellow classmates' posts in the Discussion Forum
- Complete and submit the Assignment Activity
- Take and submit the Self-Quiz

