

ECSE 222. DIGITAL LOGIC.

Credits: 3

Offered by: Electrical & Computer Engr (Faculty of Engineering)

Terms offered: Fall 2025, Winter 2026

View offerings for Fall 2025 or Winter 2026 in Visual Schedule Builder.

Description

An introduction to digital logic, binary numbers and Boolean algebra, combinational circuits, optimized implementation of combinational circuits, arithmetic circuits, combinational circuit building blocks, flip-flops, registers, counters, design of digital circuits with VHDL, and synchronous sequential circuits.

- (3-2-4)
- Prerequisite(s): COMP 202 or ECSE 202
- (3-2-4)

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