

## EI E 235: Principles of Digital Systems

Binary numbers, number system conversion, coding schemes; Boolean algebra, axioms, theorems, Karnaugh map; logic design, Boolean functions, minimization; implementation of transform methods; asynchronous systems.

3 Credits

- Prerequisites
- Csci 111 or Csci 251

## Corequisites

El E 236: Digital Systems Laboratory I

## Instruction Type(s)

Lecture: Lecture for EI E 235

## **Subject Areas**

- <u>Computer Engineering, General</u>
- Electrical and Electronics Engineering

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