El E 335: Principles of Digital Systems

ELECTRICAL ENGINEERING

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 336: Digital Systems Laboratory I

Instruction Type(s)

- Lecture: Lecture for El E 335

Subject Areas

- Computer Engineering, General
- Electrical and Electronics Engineering