

## El E 235: 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 236: Digital Systems Laboratory I](#)

#### Instruction Type(s)

- Lecture: Lecture for El E 235

#### Subject Areas

- [Computer Engineering, General](#)
- [Electrical and Electronics Engineering](#)

