

## **EI 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**

- [EI E 236: Digital Systems Laboratory I](#)

#### **Instruction Type(s)**

- Lecture: Lecture for EI E 235

#### **Subject Areas**

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

