

## **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](#)

