

## **EI E 482: Digital CMOS VLSI Design**

### **[Electrical and Computer Engineering](#)**

Design, layout, simulation, and test of design custom digital CMOS/VLSI chips, using a CMOS cell library and state-of-the-art CAD tools. Digital CMOS static and dynamic gates, flip flops, CMOS array structures commonly used in digital systems.

3 Credits

#### **Prerequisites**

- [EI E 385: Advanced Digital Systems](#)
- Pre-Requisite: 24 Earned Hours

#### **One-way corequisites**

- [EI E 351: Electronics Circuits I](#)

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

- Lecture: Lecture for EI E 482

#### **Subject Areas**

- [Computer Hardware Engineering](#)
- [Electrical and Electronics Engineering](#)

