

El 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

- [El E 385: Advanced Digital Systems](#) \$target.descriptions.MinimumGrade\$
- Pre-Requisite: 24 Earned Hours

One-way corequisites

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

Instruction Type(s)

- Lecture: Lecture for El E 482

Subject Areas

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

