Courses in Microelectronics

- EE2000--Digital Design with HDL
- EE4540/6540--VLSI Systems Design
- EE4550/6550--IC Hardware Security and Trust
- EE459/659--IC Design Synthesis with VHD
- EE7580--CMOS Analog Integrated Circuit Design
- EE7590--RF CMOS Integrated Circuit Design
- EE8000--Mixed Signal Design Tools
Student Research Lab in Microelectronics

Students working in the lab
Set Up of a Testing Lab

- Tektronix AWG7062A
- Delphi ADF-D1600
- Xilinx ML605
- Analog Input
- External Clock Source
- FMC Connection
- 12-bit ADC
  - Single Channel (1.6 GHz)
  - Dual Channel (3.2 GHz)
- Ethernet
- PCI-E Interface
- Virtex 6 FPGA

- Clock
- Analog Input
- JTAG to PC
- Virtex 6 FPGA
- Delphi ADF-D1600
- Chipscope -> PC