

Course Schedule - Spring 2006

Electrical and Computer Engineering

441 ***Physcs & Modeling Semicond Dev*** Credit: 3 hours.

Detailed presentation of advanced concepts such as generation-recombination, hot electron effects, and breakdown mechanisms; essential features of small ac characteristics, switching and transient behavior of p-n junctions, bipolar and MOS transistors; addresses fundamental issues for device modeling and discusses the perspective and limitations of Si-devices. Prerequisite: ECE 440.

CRN	Type	Section	Time	Days	Location	Instructor
33888	lecture-discussion	D	11:00 AM - 11:50 AM	MWF	room 241 Everitt Elec and Comp Engr Lab	Leburton, J
33888: 3 hours						