ENEE 417 Spring 2009   Microelectronics Design Laboratory
Time Schedule: "lectures" M 12:30-13:45 EGR 2154; Laboratory AVW 1334
Sections: Th 14:00-16:50 or F 13:00-15:50

Week of Monday	Week of Monday
01/26/09 Familiarize with equipment LabVIEW & DAQ tutorials; DAQ for transistor curves Tektronix and Spice transistor curve tracing Initiate Basic Paper choice	02/02/09 Spice, LabVIEW & DAQ tutorials; GPIB control Basic Paper preliminary choice Spice modeling from curve tracings Special parts list
02/09/09 Final Basic Paper choice Learn MAGIC and VLSI layout Op-amp curve tracer Parts List for Basic Paper	02/16/09 Op-amp curve tracer Learn MAGIC and VLSI layout
02/23/09 Ring Oscillator Using DAQ & LabView	03/02/09 Voltage Doubler Using DAQ & LabView
03/09/09 Negative impedances DAQ & LabView	03/16/09 Spring Break
03/23/09 Base paper designs Catch up on all test projects using DAQ & LabView	03/30/09 Basic paper circuit design & testing
04/06/09 Basic paper circuit measurements Base paper circuit VLSI layout	04/13/09 Finish Base paper circuit
04/20/09 Finish Base Paper Circuit and Power Point for Presentations	04/27/09 Oral Reports in Laboratory Using Power Point
05/04/09 Last week of Labs Written Reports on Base Paper Circuit Due	05/11/09 Last class
Final scheduled Tu 05/19/09	