ENEE 417 Spring 2014   Microelectronics Design Laboratory
Time Schedule: "lectures" Tu 12:30-1:20 AVW 1334; Laboratory AVW 1334
Section 1: M 2:00-5:00 pm ; Section 2: W 2:00-5:00pm

Week starting Monday	Week starting Monday
01/26/15 Familiarize with equipment LabVIEW & DAQ tutorials; DAQ for transistor curves Tektronix and Spice transistor curve tracing Initiate Basic Paper choice	02/23/15 Spice, LabVIEW & DAQ tutorials Basic Paper preliminary choice Spice modeling from curve tracings Special parts list
02/09/15 Final Basic Paper choice Op-amp curve tracer If desired Learn VLSI layout Parts List for Basic Paper	02/16/15 Op-amp curve tracer Op-Amp THD If desired Learn VLSI layout
02/23/15 Possible choices: Night light solar cells or Ring Oscillator Using DAQ & LabView	03/02/15 Possible choices: Piezoelectricity circuits or Phase Detectors for PLLs Using DAQ & LabView
03/09/15 Possible choices: Negative impedance circuit or From above DAQ & LabView	03/16/15 Spring braak
03/23/15 [Base paper designs Catch up on all test projects using DAQ & LabView]	03/30/15 Basic paper circuit design & testing Present main ideas on Tuesday
04/06/15 Basic paper circuit measurements Possible base paper circuit VLSI layout	04/13/15 Finish Base paper circuit
04/20/15 Finish Base Paper Circuit and Power Point for Presentations	04/27/15 Oral Reports in Laboratory Using Power Point
05/04/15 Last week of Labs Written Reports on Base Paper Circuit Due	{Tu 05/12/15 Last day of semester}
No Final scheduled	