

file:G:\courses\spring2013\417\417timS13.doc RWN 01/26/13 updated  
 ENEE 417 Spring 2013 Microelectronics Design Laboratory  
 Time Schedule: "lectures" Tu 12:30-1:20 JMP 2202; Laboratory AVW 1334  
 Section 1: M 2:00-5:00 pm ; Section 2: W 2:00-5:00pm

Week starting Wednesday	Week starting Wednesday
01/23/13 Familiarize with equipment LabVIEW & DAQ tutorials; DAQ for transistor curves Tektronix and Spice transistor curve tracing Initiate Basic Paper choice	01/30/13 Spice, LabVIEW & DAQ tutorials; GPIB control Basic Paper preliminary choice Spice modeling from curve tracings Special parts list
02/06/13 Final Basic Paper choice Learn MAGIC and VLSI layout Op-amp curve tracer Parts List for Basic Paper	02/13/13 Op-amp curve tracer Op-Amp THD Learn MAGIC and VLSI layout
02/20/13 Ring Oscillator Using DAQ & LabView	02/27/13 Current measurement circuit Using DAQ & LabView
03/06/13 Negative impedance circuit DAQ & LabView	03/13/13 [Base paper designs Catch up on all test projects using DAQ & LabView]
03/20/13 Spring braak	03/27/13 Basic paper circuit design & testing Present main ideas on Tuesday
04/03/13 Basic paper circuit measurements Base paper circuit VLSI layout	04/10/13 Finish Base paper circuit Meet on Tuesdays in Lab from now on
04/17/13 Finish Base Paper Circuit and Power Point for Presentations	04/24/13 Oral Reports in Laboratory Using Power Point
05/01/13 Last week of Labs Written Reports on Base Paper Circuit Due	W 05/09/12 Last day of Lab
No Final scheduled	