

file:G:\courses\spring2011\417\417timS11.doc RWN 01/02/11

ENEE 417 Spring 2011 Microelectronics Design Laboratory

Time Schedule: "lectures" Tu 11:00-11:50 CHE 2116; Laboratory AVW 1334

Sections: M 14:00-17:00 or Th 14:00-17:00

Week of Monday	Week of Monday
<p>01/24/11 Familiarize with equipment LabVIEW & DAQ tutorials; DAQ for transistor curves Tektronix and Spice transistor curve tracing Initiate Basic Paper choice</p>	<p>01/31/11 Spice, LabVIEW & DAQ tutorials; GPIB control Basic Paper preliminary choice Spice modeling from curve tracings Special parts list</p>
<p>02/07/11 Final Basic Paper choice Learn MAGIC and VLSI layout Op-amp curve tracer Parts List for Basic Paper</p>	<p>02/14/11 Op-amp curve tracer Learn MAGIC and VLSI layout</p>
<p>02/21/11 Ring Oscillator Using DAQ & LabView</p>	<p>02/28/11 Voltage Doubler Using DAQ & LabView</p>
<p>03/07/11 Negative impedances DAQ & LabView</p>	<p>03/14/11 Base paper designs Catch up on all test projects using DAQ & LabView</p>
<p>03/21/11 Spring Break</p>	<p>03/28/11 Basic paper circuit design & testing</p>
<p>04/04/11 Basic paper circuit measurements Base paper circuit VLSI layout</p>	<p>04/11/11 Finish Base paper circuit</p>
<p>04/18/11 Finish Base Paper Circuit and Power Point for Presentations</p>	<p>04/25/11 Oral Reports in Laboratory Using Power Point</p>
<p>05/02/11 Last week of Labs Written Reports on Base Paper Circuit Due</p>	<p>05/09/11 Last class</p>
<p>No Final scheduled</p>	