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ENEE 417 Spring 2019 Microelectronics Design Laboratory

Time Schedule: "lectures" Tu 2:00-2:50; ~~EGR 2154~~ AVW 1334; Laboratory AVW 1334

Section 1: M 2:00-5:00 pm ; Section 2: W 2:00-5:00pm

Week starting Monday January 28, 2019-> 02/04/19	Week starting Monday February 4, 2019->02/12/19
<p>Tu 01/29-05/19 Familiarize with equipment LabVIEW & DAQ tutorials; DAQ for transistor curves Tektronix and Spice transistor curve tracing Initiate Basic Paper choice</p>	<p>Tu 02/05-12/19 Spice, LabVIEW & DAQ tutorials; Basic Paper preliminary choice Spice modeling from curve tracings Special parts list</p>
<p>02/12/19 Continue learning LabView Final Basic Paper choice Parts List for Basic Paper</p>	<p>02/19/19 Op-amp curve tracer</p>
<p>02/26/19 Continue Op-amp curve tracer and start Ring Oscillator</p>	<p>04/02/19 Ring Oscillator</p>
<p>03/12/19 Solar Cell and optional General Impedance Converter Piezoelectric Circuit</p>	<p>03/19/19 Spring Break</p>
<p>03/26/19 [Base paper designs Catch up on all test projects using DAQ & LabView]</p>	<p>03/29/17 Basic paper circuit design & testing Present main ideas on Tuesday</p>
<p>04/09/19 Basic paper circuit measurements Base paper circuit VLSI layout</p>	<p>04/16/19 Finish Base paper circuit Meet on Tuesdays in Lab from now on</p>
<p>04/23/19 Finish Base Paper Circuit and Power Point for Presentations</p>	<p>04/30/19 Oral Reports in Laboratory Using Power Point</p>
<p>05/07/19 Last week of Labs Written Reports on Base Paper Circuit Due</p>	<p>Tu 05/14/19 Last day of semester classes</p>
<p>No Final scheduled</p>	

