

**Winter 2014 (ME 6 - Circuits) 2/19/2014**

<b>Num</b>	<b>date</b>	<b>day</b>	<b>Topic</b>	<b>Book</b>	<b>HW out</b>	<b>HW due</b>	<b>Lab out</b>
1	6-Jan	mon	Logistics, charge, current, voltage, power	ch 1			
2	8-Jan	wed	Sources; basic laws: Ohms law	ch 2	HW1		
3	13-Jan	mon	methods of analysis: equivalent circuits	ch 2			
4	15-Jan	wed	KCL, KVL, Nodal Analysis	ch 3	HW2	HW1	
	20-Jan	mon	<b>No Lecture - MLK Holiday</b>				
5	22-Jan	wed	Nodal Analysis	ch 4	HW3	HW2	lab 1 equipment
6	27-Jan	mon	Linearity, Superposition, Source Transformations	ch 4			
7	29-Jan	wed	capacitors and inductors	ch 6	HW4	HW3	lab 2 ohms law, voltage divider
8	3-Feb	mon	capacitors and inductors	ch 6			
9	5-Feb	wed	Inductors + begin OpAmps	ch 5	HW5	HW4	lab 3 superposition
10	10-Feb	mon	Op-amps + Midterm @ 7pm	ch 5			
11	12-Feb	wed	Op-amps: examples	ch 5,7			lab 4 capacitors and inductors
	17-Feb	mon	<b>No lecture - President's Day Holiday</b>				lab 5 opamps
12	19-Feb	wed	Op-amps; first order circuits	ch 7	HW6	HW5	
13	24-Feb	mon	first order circuits				
14	26-Feb	wed	frequency response; Impedance	ch 9	HW7	HW6	lab 6 opamps
15	3-Mar	mon	AC circuits; High pass/Low Pass	ch 9			lab 7 first order circuit
16	5-Mar	wed	second order circuits:natural response	ch 8			
17	10-Mar	mon	second order circuits:forced response	ch 8		HW7	lab 8 second order circuit
18	12-Mar	wed	wrap up				
	17-Mar	mon	<b>FINAL - 4-7pm</b>		<b>HW</b>	<b>10%</b>	<b>5 out of 7 homeworks (2% each)</b>
					<b>Lab</b>	<b>24%</b>	<b>8 labs (3% each)</b>
					<b>midterm</b>	<b>26%</b>	<b>Final 40%</b>