

EE/EET 2240-01/02  
**Tentative Schedule – Spring 2018**

<b>Date</b>	<b>Topic(s)</b>	<b>Related Text Sections</b>	<b>Homework Probs. Due</b>
January 09	Introduction	1.1 – 2.3	–
January 11	Kirchhoff's Laws, Power Calculations	3.1 – 3.3	–
January 16	Resistors, Ohm's Law and Passive Sign Convention	2.4, 3.7	–
January 18	Simple Circuits	3.4 – 3.6, 3.8	–
January 23	Controlled/Dependent Sources	2.3	1 – 5
January 25	Nodal Analysis	4.1	–
January 30	Nodal Analysis (continued), Mesh Analysis	4.2, 4.3	6 – 10
February 01	Mesh Analysis (continued)	4.4	–
February 06	PSpice & Computer-Aided DC Circuit Analysis	App. 2, App. 6	11 – 15
February 08	PSpice Examples	6	–
February 13	Review	–	–
<b>February 15</b>	<b>Exam #1 [one-page notes, calculators allowed]</b>	–	–
February 20	Review of Exam #1	–	–
February 22	Linearity and Superposition	5.1	16 – 20
February 27	Thévenin/Norton Theorems, Maximum Power Transfer	5.2 – 5.4	–
March 01	Operational Amplifiers	6.1 – 6.3	21 – 25
March 06	Operational Amplifier Circuits	7.5	–
March 08	Analog Computers	Class Notes	26 – 30
March 13	Capacitors and Inductors	7.1 – 7.2	–
March 15	Capacitors and Inductors (continued)	7.3	31 – 35
<b>March 20</b>	<b>*** Spring Break ***</b>		
<b>March 22</b>	<b>*** Spring Break ***</b>		
March 27	Review	–	–
<b>March 29</b>	<b>Exam #2 [one-page notes, calculators allowed]</b>	–	–
April 03	Review of Exam #2	–	–
April 05	First-Order Transient Circuit Analysis	7.4, 8.1 – 8.8	36 – 40
April 10	Transient Circuit Analysis with PSpice	App. 4	–
April 12	First-Order Transient Circuit Analysis w/ Sources & Switches	8.1 – 8.8	41 – 45
April 17	First-Order Transient Circuit Analysis (continued)	8.1 – 8.8	–
April 19	Second-Order Transient Circuit Analysis	9.1 – 9.7	46 – 50
April 24	Second-Order Transient Circuit Analysis (continued)	9.1 – 9.7	–
April 26	Review	–	–
<b>Thursday, May 03</b>	<b>Final Exam (07:30AM – 09:30AM) [open-book, notes, calculators allowed]</b>		

Actual classroom discussion may vary slightly from this schedule.

Class normally meets Tuesday and Thursday, 9:30AM – 10:45AM,  
in LIBR B13 (Pocatello) and CHE 208 (Idaho Falls).

**Exams, including the Final Exam, will be in LIBR B13 (Pocatello) and TAB 115 (Idaho Falls).**