

EE/EET 2240 – 01/02  
**Tentative Schedule – Fall 2018**

Day	Date	Topic(s)	Approximate Text Sections	Homework Problems Due
T	August 21	Introduction	1.1 – 1.4, 2.3	
R	August 23	Kirchhoff's Laws, the Passive Sign Convention and Power Calculations	2.4, 1.5	
T	August 28	Resistors, Ohm's Law, Series and Parallel Equivalent Resistance	2.2, 2.5, 2.6	1 – 3
R	August 30	Voltage and Current Divider Circuits	2.5, 2.6	4 – 6
T	September 04	Nodal Analysis	3.2	7 – 9
R	September 06	Nodal Analysis (continued)	3.3	10 – 12
T	September 11	Mesh Analysis	3.4	13 – 15
R	September 13	Mesh Analysis (continued)	3.5	16 – 18
T	September 18	Review		
<b>R</b>	<b>September 20</b>	<b>Exam #1 [one-sided 8½"×11" page of notes and calculator allowed]</b>		
T	September 25	Linearity and Superposition	4.2, 4.3	
R	September 27	Thévenin/Norton Theorems, Source Transformation, Maximum Power Transfer	4.4 – 4.6, 4.8	19 – 21
T	October 02	Controlled/Dependent Sources	1.6	22 – 24
R	October 04	Operational Amplifiers	5.1 – 5.3	25 – 27
T	October 09	Operational Amplifier Circuits	5.4 – 5.8	28 – 30
R	October 11	Computer-Aided DC Circuit Analysis with PSpice	3.8, 4.9, 5.9	31 – 33
T	October 16	Capacitors	6.2, 6.3	34 – 36
R	October 18	Analog Computers	6.6.1, 6.6.3	37 – 39
T	October 23	Review		
<b>R</b>	<b>October 25</b>	<b>Exam #2 [one-sided 8½"×11" page of notes and calculator allowed]</b>		
T	October 30	Inductors	6.4, 6.5	
R	November 01	First-Order Transient Circuit Analysis	7.2, 7.3	40 – 42
T	November 06	Transient Circuit Analysis with PSpice	7.8, 8.9	43 – 45
R	November 08	First-Order Transient Circuit Analysis (continued)	7.5, 7.6	46 – 48
T	November 13	First-Order Transient Circuit Analysis (continued)	7.7	49 – 51
R	November 15	Second-Order Transient Circuit Analysis	8.2 – 8.4	52 – 54
<b>T</b>	<b>November 20</b>	<b>*** Fall Recess ***</b>		
<b>R</b>	<b>November 22</b>	<b>*** Fall Recess ***</b>		
T	November 27	Second-Order Transient Circuit Analysis (continued)	8.5, 8.6	55 – 57
R	November 29	Second-Order Transient Circuit Analysis (continued)	8.7	58 – 60
T	December 04	Review		
R	December 06	Review		
<b>R</b>	<b>December 13</b>	<b>Final Exam (7:30AM – 9:30AM) [open-book, notes and calculator allowed]</b>		

Actual classroom discussion may vary slightly from this schedule.

Class normally meets Tuesday & Thursday, 9:30AM – 10:45AM, in LIBR 3A (Pocatello) and TAB 286 (Idaho Falls).

**Exams, including the Final Exam, will be in LIBR 3A (Pocatello) and TAB 115 (Idaho Falls).**