

LEC	DATE	TOPIC, keyword	Y&F Ch.
01	Jan. 25	Course Goals, Highlights of Pressure, Temperature	17
02	Jan. 30	Temperature, Phase Changes	17
03	Feb. 1	Ideal Gas Processes	18
04	Feb. 6	Work, Heat, 1st Law	18
05	Feb. 8	Specific Heat, Heat Transfer, Adiabatic	19
06	Feb. 13	Kinetic Theory, Mean Free Path, RMS Speed	19
07	Feb. 15	Equipartition, Entropy, 2nd Law, Irreversible	20
08	Feb. 20	Heat Engines & Refrigerators, Review	20
09	Feb. 22	<i>MIDTERM EXAM 1 (ch. 17-20)</i>	
10	Feb. 27	Highlights of Oscillatory Motion, etc.	14
	Mar. 1	Wave Motion	15
11	Mar. 6	Superposition, Standing Waves	16
12	Mar. 8	Interference, Beats	16
13	Mar. 13	Static Electricity	21
14	Mar. 15	Electric Fields from Charge Distrib'n	21
	Mar. 20/22	SPRING BREAK	
15	Mar. 27	Capacitors, Motion in E Fields	21,22
16	Mar. 29	Flux, Gauss's Law	22
17	Apr. 3	Applications of Gauss; Screening; Review	22;13.3
18	Apr. 5	<i>MIDTERM EXAM 2 (ch. 14,15,21,22)</i>	
	Apr. 10	Electric Potential Energy, Pt. Charge	23
19	Apr. 12	Potential in Capacitor & From Multiple Charges	23
20	Apr. 17	Field from Potential, Kirchhoff Loop Law	24
21	Apr. 19	Capacitors and Dielectrics	24
22	Apr. 24	Electric Current, Current Density, Conservation	25
23	Apr. 26	Resistivity, Resistance, Ohm's Law	25
24	May 1	DC Circuits, Kirchhoff's Laws, Series & Parallel Resistors	26
	May 3	<i>MIDTERM EXAM 3 (ch. 23-26)</i>	
25	May 8	Parallel Resistors, R & RC Circuits	26
26	May 10	Review	
	May 15	<i>FINAL EXAM (COMMON) 6:30-8:30 pm</i>	