

Week	Day	Date	Lecture	Reading	Topic
1	M	06-Jan	1	11.1 & 11.2a	Introduction/Transforming energy
	T(night)	07-Jan	2	11.2 - 11.3b	Energy in the Body and Temperature
	W	08-Jan	3	11.3 - 11.4	Heat and First Law of Thermodynamics
	F	10-Jan	4	11.7 - 11.8	Entropy
2	M	13-Jan	5	12.1 - 12.2	Ideal Gases
	T(night)	14-Jan	Tutorial 1		Ideal Gas Law
	W	15-Jan	6	12.3	Ideal-Gases Processes
	F	17-Jan	7	12.4 - 12.5	Thermal Expansion / Specific Heats
3	M	20-Jan	Holiday		
	T(night)	21-Jan	Tutorial 2		First Law of Thermodynamics
	W	22-Jan	8	12.6	Calorimetry
	F	24-Jan	9	12.7 - 12.8	Specific Heats of Gases / Heat Transfer
4	M	27-Jan	10	12.9	Diffusion
	T(night)	28-Jan	Tutorial 3		Pressure
	W	29-Jan	11	13.1 - 13.2 & 13.7c	Hydrostatic Pressure
	F	31-Jan	12	13.3	Buoyancy
5	M	03-Feb	Review		
	T(night)	04-Feb	Midterm 1		
	W	05-Feb	13	13.4 - 13.5 & 13.7d	Ideal Fluid Flow
	F	07-Feb	14	13.6 - 13.7	Viscous Fluid Flow
6	M	10-Feb	15	20.1 - 20.3	Charge and Electric Force
	T(night)	11-Feb	Tutorial 4		Charge
	W	12-Feb	16	20.4 - 20.5	Electric Field
	F	14-Feb	17	20.6 - 20.7	Applications & Torques in Electric Fields
7	M	17-Feb	Holiday		
	T(night)	18-Feb	Tutorial 5		Electric potential difference
	W	19-Feb	18	21.1 - 21.3	Electric Potential & Potential Energy
	F	21-Feb	19	21.4 - 21.5	Electric Potential & Electric Field
8	M	24-Feb	20	21.6	Electrocardiogram
	T(night)	25-Feb	Midterm 2		
	W	26-Feb	21	21.7 - 21.8	Capacitance
	F	28-Feb	22	22.1 - 22.5	Current and Resistance
9	M	02-Mar	23	23.1 - 23.4	Kirchhoff's Laws
	T(night)	03-Mar	Tutorial 6		Capacitance
	W	04-Mar	24	23.5 - 23.6	Complex Circuits
	F	06-Mar	25	23.7 - 23.8	RC Circuits & Electricity in the Nervous System
10	M	09-Mar	26	24.1 - 24.4	Magnetic Fields
	T(night)	10-Mar	Tutorial 7		Magnets and magnetic forces
	W	11-Mar	27	24.5 - 24.6	Magnetic Forces
	F	13-Mar	Review		
11	M	16-Mar	Final exam	Section C: 2:30pm to 4:20pm in PAA 118	
	T	17-Mar	Final exam	Section A: 8:30am to 10:20am in PAA 102	
	W	18-Mar	Final exam	Section B: 2:30pm to 4:20pm in PAA 118	

a Energy inputs

b up to temperature scales section

c Blood pressure section only

d up to EXAMPLE 13.15