

Week	Day	Date	Lecture	Reading	Topic
1	M	07-Jan	1	11.1 & 11.2a	Introduction/Transforming energy
	T(night)	08-Jan	2	11.2 - 11.3b	Energy in the Body and Temperature
	W	09-Jan	3	11.3 - 11.4	Heat and First Law of Thermodynamics
	F	11-Jan	4	11.7 - 11.8	Entropy
2	M	14-Jan	5	12.1 - 12.2	Ideal Gases
	T(night)	15-Jan	Tutorial 1		Ideal Gas Law
	W	16-Jan	6	12.3	Ideal-Gases Processes
	F	18-Jan	7	12.4 - 12.5	Thermal Expansion / Specific Heats
3	M	21-Jan	Holiday		
	T(night)	22-Jan	Tutorial 2		First Law of Thermodynamics
	W	23-Jan	8	12.6	Calorimetry
	F	25-Jan	9	12.7 - 12.8	Specific Heats of Gases / Heat Transfer
4	M	28-Jan	10	12.9	Diffusion
	T(night)	29-Jan	Tutorial 3		Pressure
	W	30-Jan	11	13.1 - 13.2 & 13.7c	Hydrostatic Pressure
	F	01-Feb	12	13.3	Buoyancy
5	M	04-Feb	Review		cancelled
	T(night)	05-Feb	Midterm 1		cancelled
	W	06-Feb	13	13.4 - 13.5 & 13.7d	Ideal Fluid Flow
	F	08-Feb	14	13.6 - 13.7	Viscous Fluid Flow
6	M	11-Feb	15	20.1 - 20.3	Charge and Electric Force
	T(night)	12-Feb	Tutorial 4		Charges
	W	13-Feb	16	20.4 - 20.5	Electric Field
	F	15-Feb	17	20.6 - 20.7	Applications & Torques in Electric Fields
7	M	18-Feb	Holiday		
	T(night)	19-Feb	Midterm 1		rescheduled
	W	20-Feb	18	21.1 - 21.3	Electric Potential & Potential Energy
	F	22-Feb	19	21.4 - 21.5	Electric Potential & Electric Field
8	M	25-Feb	20	21.6	Electrocardiogram
	T(night)	26-Feb	Tutorial 5		Electric potential difference
	W	27-Feb	21	21.7 - 21.8	Capacitance
	F	01-Mar	22	22.1 - 22.5	Current and Resistance
9	M	04-Mar	23	23.1 - 23.5	Kirchhoff's Laws
	T(night)	05-Mar	Midterm 2		rescheduled
	W	06-Mar	24	23.6 - 23.7	RC Circuits
	F	08-Mar	25	23.8	Electricity in the Nervous System
10	M	11-Mar	26	24.1 - 24.4	Magnetic Fields & Forces
	T(night)	12-Mar	Tutorial 7		Magnets and magnetic forces
	W	13-Mar	27	24.5 - 24.6	Magnetic Fields & Currents
	F	15-Mar	Review		
11	M	18-Mar	Final exam	Section C	2:30pm - 4:20pm PAA 118
	T	19-Mar	Final exam	Section A	8:30am - 10:20am PAA102
	W	20-Mar	Final exam	Section B	2:30pm - 4:20pm PAA 118

- a Energy inputs
- b up to temperature scales section
- c Blood pressure section only
- d up to EXAMPLE 13.15