Week	Day	Date	Lecture	Reading	Topic	Tutorial	Lab
1	W	30-Sep	1	No reading	Introduction	Mathematical reasoning	Student Instructi
	F	02-Oct	2	15.1 - 15.2	Periodic motion		
2	M	05-Oct	3	15.3 - 15.5	Energy and force in SHM	Superposition and reflection	Pivot lab 1
	W	07-Oct	4	15.6 - 15.8	SHM for springs and pendula		
	F	09-Oct	5	16.1 - 16.2	1D waves propagation		
3	M	12-Oct	6	16.3 - 16.5	Standing waves	Reflection and transmission	Pivot lab 2
	W	14-Oct	7	16.6 - 16.9	Sound		
	F	16-Oct	8	17.1-17.3	Interference		
4	M	19-Oct	9	17.4 - 17.7	Diffraction	2-source interference	Pivot lab 3
	W	21-Oct	10	17.8	Shock waves		
	Th(night)	22-Oct	**Midterm 1**				
	F	23-Oct	11	33.1 - 33.3	Light rays		
5	M	26-Oct	12	33.4 - 33.5	Lenses and images	Wave properties of light	Pivot lab 4
	W	28-Oct	13	33.6 - 33.8	Mirrors		
	F	30-Oct	14	34.1 - 34.3	Diffraction of light		
6	M	02-Nov	15	34.4 - 34.6	Wave particle duality	Multiple-slit interference	Pivot lab 5
	W	04-Nov	16	34.7 - 34.8	Interference of light		
	F	06-Nov	17	34.9 - 34.10	Photo electric effect		
7	M	09-Nov	18	18.1 - 18.4	Fluids I	Phasors	Pivot lab 6
	Th(night)	12-Nov	**Midterm 2**				
	F	13-Nov	19	18.5 - 18.8	Fluids II		
8	M	16-Nov	20	19.1 - 19.2	Entropy I	Single-slit diffraction	Pivot lab 7
	W	18-Nov	21	19.3 - 19.5	Entropy II		
	F	20-Nov	22	19.6 - 19.8	Entropy III		
9	M	23-Nov	23	20.1 - 20.2	Thermal interactions	No tutorial	No Lab
10	M	30-Nov	24	20.3 - 20.4	PV diagrams	1st law of thermodynamics	Pivot lab 8
	W	02-Dec	25	20.5 - 20.8	Processes		
	F	04-Dec	26	21.1 - 21.3	Heat engines and heat pumps		
11	M	07-Dec	27	21.4 - 21.6	Entropy constraints	2nd law of thermodynamics	Pivot lab 9 / make-up
	W	09-Dec	28	21.7 - 21.8	Carnot and Brayton cycle		
	F	11-Dec	29	No reading	Global warming		