

PHYSICS 103**SUMMER 1999**

Text: Physics, J. D. Cutnell & K. W. Johnson, Fourth Edition

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Office Hours: 8:00 – 8:50 am MTWR

Week	Topic	CH.	Homework	Lab	Discus
Jun. 14	Introduction to Math. Concepts	1	1, 7, 17, 23, 30, 39, 59	M1	CH. 1
	Kinematics in 1-D	2	1, 3, 31, 37, 59, 63, 83	M1	CH. 2
Jun. 21	Kinematics in 2-D	3	1, 9, 27, 42, 43, 68, 77	M2	CH. 3
	Forces & Newton's law of Motion	4	11, 15, 35, 37, 47, 59, 71	M3	CH. 4
Jun. 28	Dynamics of Uniform Motion	5	1, 7, 15, 19, 35, 43	M4 M5	CH. 5 CH. 6
	Work and Energy	6	1, 6, 11, 24, 34, 45, 51, 63, 71		
July 05	Impulse & Momentum	7	5, 9, 21, 32, 33, 51	M6	CH. 7
July 12	Rotational Kinematics	8	1, 10, 23, 29, 43, 59, 69	M7	CH. 8
	Rotational Dynamics	9	2, 15, 25, 51, 68	M9	CH. 9
July 19	Elasticity & Simple Harmonic Motion	10	1, 7, 22, 35, 38, 51, 54	M10 M11	CH. 10 CH. 11
	Fluids	11	1, 9, 19, 25, 36, 39, 69		
July 26	Temperature & Heat	12	5, 19, 35, 51, 59, 65	H2	CH. 12
	The Transfer of Heat	13	1, 13, 23, 39	H3	CH. 13
	Thermodynamics	15	10, 14, 15, 39, 63, 89		CH. 15
Aug. 2	Waves & Sound	16	1, 11, 19, 26, 39, 55, 73, 79	S1	CH. 16
	Superposition & Interference	17	2, 13, 21, 30, 41, 47		CH. 17

Exam: There will be a one-hour exam in discussion on the following dates:

Monday, June 28; Chapters 1-4

Monday, July 12; Chapters 5-7

Monday, July 26; Chapters 8-11

Thursday, Aug. 05; Entire Course (comprehensive final exam)

You will be allowed to bring one page of just formulas, **no notes**.**Grade:** Homework counts 5%, lab 15%, and exams (equally weighted) 80%. If the score on final exam is more than the score on any one of the previous exams, the lowest score will be dropped and the score on the final doubled to calculate the final grade.