

Course outline for physics-105

Text book:

Physics,
Fifth edition
Arthur Beiser
Addison Wesley

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Chapter	Name	Sections	Exercises and problems
1	Describing Motion	1.1-----1.10	1,3,5,11,12,18,21,26,30, 32,37,41,45,53,70,76
2	Vectors	2.1,,2,,3,,5,,6	1,5,15,20,22,23
3	Force and Motion	3.1-----3.7	2,3,6,15,16,17,21,27
9	Mechanical properties of matter	9.1-----9.6	1,4,7,10,13,24,25,31,34, 35,
First mid term exam			
10	Fluids	10.1,,3,,5	1,2,13,16,20,22,36,38
12	Waves	12.1-----12.7& 12.9	2,4,5,8,9,11,14,16,20,29 ,33,43,45,47
13	Thermal properties of matter	13.1 & 13.2	1,2,4,6,13,15 29,33,37,41,42,43,44
14	Heat	14.1,,6,,7,,8	
16 17 18	Electricity	16.1-8 17.1-4 18.1-7	Ch16: MCQ's 1-21 CH17: MCQ's 1-6 CH18: MCQ's 1-9
Second mid term exam			

Marks distribution;

1) Two mid term exams each 10 marks-----	=30 marks
2) Practical work (lab)-----	=30 marks
3) Final exam-----	= 40 marks
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Total-----	= 100 marks