

강 의 계 획 서

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주차	수업내용	수업 핵심질문(핵심개념)
1	Chap 1: Physics and Measurement, Chap 2: Motion in One Dimension, Chap 3: Vectors, Chap 4: Motion in Two Dimension	skip 1.2, 2.3, 2.5, 2.8, 4.
2	Chap 5: The laws of Motion	
3	Chap 6: Circular Motion and Other Applications of Newton's Laws, Chap 7: Energy of a System	6.2
4	Chap 8: Conservation of Energy	
5	Chap 9: Linear Momentum and Collisions	9.7
6	Chap 10: Rotation of a Rigid Object About a Fixed Axis	
7	Chap 11: Angular Momentum Chap 12: Static Equilibrium and Elasticity	11.5, 12.4
8	Mid-term examination	
9	Chap 13: Universal Gravitation	
10	Chap 14: Fluid Mechanics	
11	Chap 15: Oscillatory Motion Chap 16: Wave Motion	15.4 16.5
12	Chap 17: Sound Waves Chap 18: Superposition and Standing Waves	17.1, 17.2, 17.3, 17.6 18.6, 18.7, 18.8
13	Chap 19: Temperature	
14	Chap 20: The First Law of Thermodynamics	20.7
15	Chap 21: The Kinetic Theory of Gases Chap 22: Heat Engines, Entropy, and the Second Law of Thermodynamics	21.4, 21.5 22.4-22.8
16	Final Examination	