

강 의 계 획 서

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저자(Author)	John W. Jewett, Jr Raymond A. Serway			
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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, 4.1		
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	skip 6.2		
4	Chap 8: Conservation of Energy			
5	Chap 9: Linear Momentum and Collisions	skip 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	skip 11.5		
8	Mid-term Examination			
9	Chap 13: Universal Gravitation			
10	Chap 14: Fluid Mechanics			
11	Chap 15: Oscillatory Motion Chap 16: Wave Motion	skip 15.4 16.5		
12	Chap 17: Sound Waves Chap 18: Superposition and Standing Waves	skip 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	skip 20.7		
15	Chap 21: The Kinetic Theory of Gases Chap 22: Heat Engines, Entropy, and the Second Law of Thermodynamics	skip 21.4, 21.5 22.4-22.8		
16	Final examination			