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1	107/09/10~ 107/09/16	Newton's Laws of Motion	
2	107/09/17~ 107/09/23	Differential Equations & Newtonian mechanics - single particle	
3	107/09/24~ 107/09/30	Newtonian mechanics - single particle	
4	107/10/01~ 107/10/07	Conservation Laws (Single Particle & Systems) 與小考	
5	107/10/08~ 107/10/14	Oscillations	
6	107/10/15~ 107/10/21	Oscillations	
7	107/10/22~ 107/10/28	Calculus of Variations 與小考	
8	107/10/29~ 107/11/04	Calculus of Variations	
9	107/11/05~ 107/11/11	Lagrange's Equations	
10	107/11/12~ 107/11/18	期中考試週	
11	107/11/19~ 107/11/25	Lagrange's Equations	Mechanics
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13	107/12/03~ 107/12/09	Lagrange's Equations	
14	107/12/10~ 107/12/16	Hamiltonian Theory 與小考	
15	107/12/17~ 107/12/23	Hamiltonian Theory	
16	107/12/24~ 107/12/30	Hamiltonian Theory	
17	107/12/31~ 108/01/06	Two-Body Central-Force Problems	
18	108/01/07~ 108/01/13	期末考試週	
教材課本	W. Greiner, Classical Mechanics: Point Particles and Relativity, 2004; Systems of Particles and Hamiltonian Dynamics, 2010. (淡江大學電子書) 所有問題都有詳解		
參考書籍	Thornton and J.B. Marion, Classical Dynamics of Particles and Systems, 5th Ed., 2004. (部分習題來自此書, 若要修選修力學二, 此書很可能是教科書) Nolting, Theoretical Physics: 1. Classical Mechanics 2016; 2. Analytical Mechanics 2016. (淡江大學電子書) 內部習題有詳解 Taylor, Classical Mechanics, 2005. (最佳的教材, 但台灣購買甚貴)		
批改作業篇數	篇 (本欄位僅適用於所授課程需批改作業之課程教師填寫)		
學期成績	◆出席率: % ◆平時評量: 40.0 % ◆期中評量: 30.0 % ◆期末評量: 30.0 %		