

Date (2014)	WP Unit #	Topics	Smart Physics Unit	Notes
Wed, Sep 3	1	Data collection and spreadsheets		
Fri, Sep 5	1	Measuring and graphing horizontal motion, FCI		
Mon, Sep 8	2	Direct and indirect measurements		
Wed, Sep 10	2	Normal distributions		
Fri, Sep 12	3	Graphing changing motion		sessions 1 & 2 in one day
Mon, Sep 15	3	Slowing, speeding, turning		
Wed, Sep 17	4	Defining velocity and acceleration	1-D Kin	
Fri, Sep 19	4	Integration & Kinematic equations		
Mon, Sep 22	6	Vertical motion	2-D & Vectors	skip force&weight
Wed, Sep 24	6	Vectors		
Fri, Sep 26	6	Analysing projectile motion		
Mon, Sep 29	5	Force and Motion	Newton's Laws	
Wed, Oct 1	5	Force, Mass and Acceleration		
Fri, Oct 3	7	Circular motion	Relative and Circular motion	
Mon, Oct 6	7	Newton's 3rd law	Forces and FBD	
Wed, Oct 8	7	Friction	Friction	
Fri, Oct 10	Midterm 1			
Mon, Oct 13	Thanksgiving			
Wed, Oct 15	10	Physical work and power		
Fri, Oct 17	10	work and kinetic energy	Work & Energy	
Mon, Oct 20	11	Energy conservation	Cons. Forces	
Wed, Oct 22	11	Conservative and non-conservative forces	Work and Potential Energy	
Fri, Oct 24	8	Momentum		
Mon, Oct 27	8	Impulse	CM	
Wed, Oct 29	8	Newton's laws and momentum	Cons of momentum	
Fri, Oct 31	9	Centre of mass and momentum	Elastic Collisions	
Mon, Nov 3	9	Momentum Conservation in 2-D	Collisions, Impu	skip karate
Wed, Nov 5	Lecture	Special Relativity / Midterm review		
Fri, Nov 7	Midterm 2			
Mon, Nov 10	Rememberance Day			
Wed, Nov 12	12	Rotational kinematics	Rotational Kinematics	
Fri, Nov 14	12	Torque and rotational inertia	Parallel Axis Thm	
Mon, Nov 17	12	Newton's Laws for rotation	Rot. Dynamics	
Wed, Nov 19	13	Angular momentum and torque as	Angular Momentum	
Fri, Nov 21	13	Angular momentum conservation	Angular Momentum, Vectors&precession	
Mon, Nov 24	14	Harmonic motion	SHM	
Wed, Nov 26	14	SHM for mass and spring	Pendulum	
Fri, Nov 28	14	Simple Pendulum	Waves	
Mon, Dec 1		Review for Final Exam, FCI		
Tue, Dec 9	Final Exam	12:00–15:00		

*"I love deadlines — I love the sound they make as they whoosh by."
Douglas Adams*