

Physics 197		Assignments/Syllabus					Fall 2017											
Date	Topic	Learnsmart Chapter # to Read Before Lecture (due by 11:59 p.m. the previous night)	Weekly Homework (due at the start of class)	Revised Weekly Homework Handed In	Additional Recommended Weekly Problems	Weekly Blackboard Quiz												
Mon Aug 28	Course Introduction	-																
Wed Aug 30	The Art of Model Building	C1																
Fri Sept 1	Particles and Interactions	C2																
<b>Labor Day: Monday, September 4 (No Lecture, No Labs)</b>																		
Wed Sept 6	Vectors	C3	1W (C1M.9, C1R.1, C2B.10, C2M.3, C2M.4, C2M.5)		C1M.8, C2M.2													
Fri Sept 8	Systems and Frames	C4																
Mon Sept 11	Conservation of Momentum	C5																
Wed Sept 13	Conservation of Angular Momentum	C6	2W (C3M.2, C3M.4, C4M.5, C4R.3, C5M.1, C5M.6)		C3M.6, C4M.6, C5M.2													
Fri Sept 15	More About Angular Momentum	C7																
Mon Sept 18	More About Angular Momentum - Cont.	C7		1W														
Wed Sept 20	Conservation of Energy	C8	3W (C6B.5, C6M.2, C6M.4, C7M.4, C7M.6, C7M.7)		C6R.2, C7M.1, C7R.1													
Fri Sept 22	Potential Energy Graphs	C9																
Mon Sept 25	Work	C10		2W		Q1												
Wed Sept 27	Rotational Energy	C11	4W (C8M.1, C8M.5, C9M.2, C9M.8, C10M.3, C10M.4)		C8M.2, C9M.6, C10M.1													
Fri Sept 29	Thermal Energy	C12																
Mon Oct 2	Other Forms of Internal Energy	C13		3W		Q2												
Wed Oct 4	Collisions	C14	5W (C11M.2, C11M.5, C12M.1, C12M.2, C13M.3, C13M.11)		C11R.2, C12M.4, C13M.5													
Fri Oct 6	Newton's Laws	N1																
Mon Oct 9	Forces from Motion	N2		4W		Q3												
Wed Oct 11	Review	-	6W** (C14M.4, C14M.10, C14R.1)															
<b>Thursday, October 12 (6:30 - 8:30 p.m.) - Exam #1: Chapters C1-C14</b>																		
Fri Oct 13	Motion from Forces	N3*																
<b>Fall Break: Saturday, October 14 - Tuesday, October 17 (No Lecture, No Labs)</b>																		
Wed Oct 18	Statics	N4	7W (N1M.2, N1M.8, N2M.2, N2M.6, N3M.4, N3R.1)	5W	N1R.3, N2R.3, N3M.7	Q4												
Fri Oct 20	Linearly Constrained Motion	N5																
Mon Oct 23	Coupled Objects	N6				Q5												
Wed Oct 25	Circularly Constrained Motion	N7	8W (N4M.4, N4M.5, N5M.5, N5M.6, N6M.7, N6M.11, )		N4R.1, N5R.3, N6M.5													
Fri Oct 27	Noninertial Frames	N8																
Mon Oct 30	Projectile Motion	N9		7W		Q6												
Wed Nov 1	Oscillatory Motion	N10	9W (N7M.2, N7M.3, N8M.4, N8M.6, N9M.3, N9M.4)		N7R.2, N8R.1, N9M.9													
Fri Nov 3	Kepler's Laws	N11																
Mon Nov 6	Orbits and Conservation Laws	N12		8W		Q7												
Wed Nov 8	Newton' Law Problem-Solving	-	10W (N10M.2, N10M.4, N11M.2, N11M.4, N12B.1, N12M.4)		N10R.2, N11R.1, N12R.1													
Fri Nov 10	The Principle of Relativity	R1																
Mon Nov 13	Coordinate Time	R2		9W														
Wed Nov 15	Review	-	11W** (N4M.6, N7M.5, N8M.8, N9M.10, N10M.6, N12M.1)															
<b>Thursday, November 16 (6:30 - 8:30 p.m.) - Exam #2: N1-N12</b>																		
Fri Nov 17	The Spacetime Interval	R3*																
Mon Nov 20	Proper Time	R4	12W (R1M.4, R1M.6, R2M.1, R2M.7, R3B.2, R3M.2)	10W	R1M.5, R2M.10, R3R.1													
<b>Thanksgiving Break: Wednesday, November 22 - Sunday, November 26 (No Lecture, No Labs)</b>																		
Mon Nov 27	Coordinate Transformations	R5																
Wed Nov 29	Lorentz Contraction	R6	13W (R4B.7, R4M.2, R4M.4, R5B.2, R5M.2, R5M.3)		R4M.5, R5M.6													
Fri Dec 1	The Cosmic Speed Limit	R7		12W														
Mon Dec 4	Four-Momentum	R8																
Wed Dec 6	Conservation of Four-Momentum	R9	14W (R6M.4, R6R.4, R7B.9, R7M.9, R8M.2, R8M.3)		R6R.5, R7M.3, R8M.9													
Fri Dec 8	Special Lecture/Review	-	15W** (R9B.3, R9M.8, R9M.12)	13W														
<b>Monday, December 18 (6:00 - 8:00 p.m.) - Exam #3: R1-R9</b>																		
* Daily assignments following exams will be due 11:59 PM on Saturday - see Connect for specific deadlines																		
** Weekly assignments before exams will not be turned in or graded. Students are still responsible for knowing this material for the exam and are therefore encouraged to practice good problem-solving techniques.																		