

PHY492 Tentative Schedule, Spring 2012

Updated on 2/26/2012

Week	Mon.	Wed.	Fri.	Subjects	Ch	HWdue	Exam	Paper
1	1/09	1/11	1/13	Relativity, Symmetry, Rutherford scattering	1,B,C			
2	MLK	1/18	1/20	Rutherford scattering via quantum mechanics	1,B,C			
3	1/23	1/25	<u>1/27</u>	Nuclear Phenomenology	2	<u>HW1</u>		
4	1/30	2/01	2/03	Particle Phenomenology	2,3			
5	<u>2/06</u>	2/08	2/10	Hadrons, Experimental Methods	3,4	<u>HW2</u>		
6	<u>2/13</u>	2/15	2/17	Experimental Methods	4	<u>HW3</u>		
7	<u>2/20</u>	2/22	2/24	Quark Dynamics, Color	5		Mid-Exam1 (2/20)	Select topic
8	<u>2/27</u>	2/29	3/02	Quark-Gluon Plasma, Deep inelastic scattering	5,6	<u>HW4</u>		
	Spring Break							
9	3/12	<u>3/14</u>	3/16	Weak interactions	6	<u>HW5</u>		
10	3/19	3/21	3/23	Electroweak Unification, Nuclear models	6,7			
11	<u>3/26</u>	3/28	3/30	Collective Model, Decays	7	<u>HW6</u>		First draft
12	4/02	<u>4/04</u>	4/06	Gamma transitions, Application of Nuclear Physics	7,8	<u>HW7</u>		
13	<u>4/09</u>	4/11	4/13	Application of Nuclear Physics, Outstanding Questions	8,9		Mid-Exam2 (4/09)	
14	4/16	4/18	4/20	Outstanding Questions	9			
15	4/23	4/25	4/27	Outstanding Questions	9			Paper due
	No	Final	Exam					