

**CANCEL LEC 11, 12, 16; MOVE LEC 13, 14, 15; DELAY QUIZZES 2, 3, 4 ONE WEEK**

Physics 5 - The Universe  
 Course Schedule  
 Fall 2007

Lecture	Date	Topic	Chapter
1	Fri, Sept 28	The Birth of Science	1, 4
2	Mon, Oct 1	Grecian Scale of the Cosmos	5
3	Wed, Oct 3	Astronomy of Antiquity & Middle Ages	--
4	Fri, Oct 5	The Copernican Revolution	5
5	Mon, Oct 8	The Newtonian Triumph	5
6	Wed, Oct 10	Conservation Laws & Planetary Orbits	--
7	Fri, Oct 12	The Material Universe	2
8	Mon, Oct 15	QUIZ 1, Lightning & Lodestone	2
9	Wed, Oct 17	Telescopes & Light	3
10	Fri, Oct 19	Heat Engines & Heat Radiation	2
11	Mon, Oct 22	The Quantum Revolution	2
12	Wed, Oct 24	Waves, Particles, & Uncertainty	2
13	Fri, Oct 26	Relativity: Special & General	14
14	Mon, Oct 29	QUIZ 2, The Power of the Sun	10
15	Wed, Oct 31	White Dwarfs, Neutron Stars, Black Holes	13, 14
16	Fri, Nov 2	The Message of Starlight	11
17	Mon, Nov 5	Lives & Deaths of Stars	12, 13
18	Wed, Nov 7	Material Between the Stars	15
19	Fri, Nov 9	The Milky Way	15
--	Mon, Nov 12	VETERANS DAY HOLIDAY	
20	20 Wed, Nov 14	QUIZ 3, Quiet and Active Galaxies	16, 17
	21 Fri, Nov 16	The Expanding Universe	18
	22 Mon, Nov 19	Cosmology	18
	23 Wed, Nov 21	Big Bang Creation of the Universe	19
--	Fri, Nov 23	THANKSGIVING HOLIDAY	
24	24 Mon, Nov 26	Inflationary Cosmology	19
	25 Wed, Nov 28	Back to the Solar System	6, 7, 8
	26 Fri, Nov 30	QUIZ 4, Origin of the Planets	9
	27 Mon, Dec 3	Nature of Life on Earth	20
	28 Wed, Dec 5	Origin of Life on Earth	20
	29 Fri, Dec 7	PROJECTS, Intelligent Life in the Cosmos	20
--	TBA	FINAL EXAM	

QUIZ 1 covers lectures 1-6. Bring scantron form & no. 2 pencil.  
 QUIZ 2 covers lectures 7-10. Bring scantron form & no. 2 pencil.  
 QUIZ 3 covers lec 13-15, 17-18. Bring scantron form & no. 2 pencil.  
 QUIZ 4 covers lectures 19-24. Bring scantron form & no. 2 pencil.

FINAL EXAM covers lectures 1-10, 13-15, 17-29.  
 Bring scantron form & no. 2 pencil.