

Physics 174 Course Schedule

30 August, 2006

The schedule below is tentative. All dates, including the exams, are subject to change. Updated schedules will be distributed as we begin each new unit.

Lecture	Date	Topic(s)	Reading in text
1	30 Aug	Introduction	
2	1 Sep	Grand Tour, Nature of Science	1.0-1.2
3	6 Sep	I. Ancient Astronomy	2.0-2.1 1.3-1.5
4	8 Sep	I. Egypt	
5	11 Sep	I. Mesopotamia	
6	13 Sep	I. Mesopotamia, Ancient Greece	
7	15 Sep	I. Ancient Greece	
8	18 Sep	I. The Celestial Sphere Model	1.6
9	20 Sep	I. Classical Greece	1.7 2.2
10	22 Sep	I. The Dark Ages	
11	25 Sep	I. The Copernican Revolution	2.3
12	27 Sep	I. Galileo	2.4
13	29 Sep	I. Kepler	2.5-2.6
14	2 Oct	I. Newton	2.7
15	4 Oct	I. Review	
16	6 Oct	II. The Spectrum, Optics, Telescopes	3.0-3.3 5.0-5.1
17	9 Oct	II. Telescopes, Photometry	5.2-5.7 3.4
18	11 Oct	II. Spectroscopy	3.5 4.0-4.4
19	13 Oct	II. Review	
20	16 Oct	Exam I Review	
21	18 Oct	Exam I	
22	23 Oct	III. Overview	6.0-6.6
23	25 Oct	III. Terrestrial - Global properties	7.0-7.1 8.0-8.4 9.0-9.3 10.0-10.3
24	27 Oct	III. Terrestrial - Geology	7.3-7.6 8.5-8.9 9.4 9.6 10.4 10.6
25	30 Oct	III. Terrestrial - Atmospheres	7.2 9.5 10.5
26	1 Nov	III. Terrestrial - Life on Mars	
27	3 Nov	III. Terrestrial - Climatology on Earth	
28	6 Nov	III. Asteroids	10.7 14.0-14.1 14.3
29	8 Nov	III. Jovian - Introduction	11.0-11.1 12.0-12.1 13.0-13.3
30	10 Nov	III. Jovian - Atmospheres	11.2 12.2 13.4
31	13 Nov	III. Jovian - Internal Structure, Rings	11.3-11.4 11.6 12.3-12.4 13.5 13.7
32	15 Nov	III. Icy Worlds - Galilean System	11.5
33	17 Nov	III. Icy Worlds - Outer Moons	12.5 13.6
34	27 Nov	III. Icy Worlds - Pluto and the Kuiper Belt	13.8-13.10
35	29 Nov	III. Icy Worlds - The Outer Solar System	14.2
36	1 Dec	III. The Formation of the Solar System	6.7 15.1-15.4
37	4 Dec	III. Review	
38	6 Dec	Exam II	
39	8 Dec	IV. Exoplanets	15.5-15.6
40	11 Dec	IV. Exobiology	28.0-28.4
41	13 Dec	IV. Special Topics	
42	15 Dec	IV. Review	
43	21 Dec	Final exam at 4:30 pm	