

Astronomy 1102/1104 Course Schedule

updated 27 February, 2009

The schedule below is tentative. All dates, including the exams, are subject to change. Updated schedules will be distributed as needed.

Lecture	Date	Topic(s)	Reading in text
1	19 Jan	Introduction	Ch. 1
2	21 Jan	I. How Science Works	3.4
3	23 Jan	I. The Celestial Sphere I	2.1-2.2
4	26 Jan	I. The Celestial Sphere II	2.3, S1.2-S1.3
5	28 Jan	I. Ancient Astronomy I	2.4, 3.1
6	30 Jan	I. Ancient Astronomy II	3.2
7	2 Feb	I. The European Dark Ages	
8	4 Feb	I. The Copernican Revolution	3.3, Math. Insight S1.1 (pp 96-7)
9	6 Feb	I. Galileo & Kepler	
10	9 Feb	I. Newton	4.1-4.4
11	11 Feb	I. The Scientific Method	4.5
12	13 Feb	I. Review	
13	16 Feb	Exam 1	
14	18 Feb	II. The Spectrum	5.1-5.2
15	20 Feb	II. Atoms and Molecules	5.3
16	23 Feb	II. Photometry & Spectroscopy	5.4-5.5
17	25 Feb	II. Telescopes	Ch. 6
18	27 Feb	III. Overview	Ch. 7
19	2 Mar	III. Terrestrial Surfaces	9.1-9.2
20	4 Mar	III. Terrestrial Interiors	9.3-9.6
21	6 Mar	III. Terrestrial Atmospheres	10.1-10.5
22	9 Mar	III. Life on Earth	24.1
23	11 Mar	III. Life and Water on Mars	24.2
24	13 Mar	III. Climatology	10.6
25	23 Mar	III. Review	
26	25 Mar	Exam 2	
27	27 Mar	IV. Asteroids	12.1
28	30 Mar	IV. Jovian Atmospheres	11.1
29	1 Apr	IV. Rings	11.3
30	3 Apr	IV. Jovian Interiors	
31	6 Apr	IV. The Galilean Satellites	11.2
32	8 Apr	IV. The Moons of Saturn	
33	10 Apr	IV. The Moons of Uranus & Neptune	
34	13 Apr	IV. Beyond Neptune	12.2-12.4
35	15 Apr	IV. The Formation of the Solar System	Ch. 8
36	17 Apr	IV. Review	
37	20 Apr	Exam 3	
38	22 Apr	V. Introduction to Exobiology	13.1
39	24 Apr	V. Detecting Exoplanets	13.2
40	27 Apr	V. Observations of Exoplanets	13.3-13.4
41	29 Apr	V. Life Out There	24.3-24.5
42	1 May	V. Review	
43	6 May	Final exam—location still to be determined	