

**ASTRONOMY 1102/1104** *The Cosmic Perspective (5<sup>th</sup>, 6<sup>th</sup>, or 7<sup>th</sup> Edition)* C. Bennett et al.**Course Syllabus**

All dates, even exams, on the schedule below may change. Updates will be posted as appropriate.

<b>Class</b>	<b>Day</b>	<b>Date</b>	<b>Topic(s)</b>	<b>Associated Text (For 6<sup>th</sup> Edition)</b>
1	Wed.	27 Jan	Introduction	Preface, 1
2	Fri.	29 Jan	The Sky & Historical Astronomy	2.1, 3.1-2,4
3	Mon.	1 Feb	Orbits & Gravity	3.3, 4.1-4
4	Wed.	3 Feb	Time & Seasons	2.2, S1.1
5	Fri.	5 Feb	Eclipses, Moon Phases & Tides	2.3, 4.5
6	Mon.	8 Feb	Motions & Gravity	4
7	Wed.	10 Feb	Radiation & Spectra I	5.1-3
8	Fri.	12 Feb	Radiation & Spectra II	5.4-5
<b>WINTER BREAK 13 Feb – 16 Feb</b>				
9	Wed.	17 Feb	Telescopes & Instruments	6.1-4
10	Fri.	19 Feb	Survey of the Solar System I	7.1-2
11	Mon.	22 Feb	Survey of the Solar System II	7.3
<b>12</b>	<b>Wed.</b>	<b>24 Feb</b>	<b>Preliminary Exam 1</b>	<b>Lectures 1-10</b>
13	Fri.	26 Feb	Dating Extraterrestrial Materials I	8.5
14	Mon.	29 Feb	Solar System Origins I	8.1-2
15	Wed.	2 Mar	Solar System Origins II	8.3-4
16	Fri.	4 Mar	Earth: Geology & Interior	9.1-2, 9.6
17	Mon.	7 Mar	Earth: Atmosphere & Climate	10.1-2, 10.6
18	Wed.	9 Mar	Detecting Exoplanets	13.1
19	Fri.	11 Mar	Nature & Origin of Exoplanets	13.2-4
20	Mon.	14 Mar	Meteorites	12.1
21	Wed.	16 Mar	Impacts; Lunar Surface	9.2, 12.4, 9.3
22	Fri.	18 Mar	Moon: Interior & Origin	8.3-4, 9.3
23	Mon.	21 Mar	Asteroids, Collision Threat	12.1, 12.4
<b>24</b>	<b>Wed.</b>	<b>23 Mar</b>	<b>Preliminary Exam 2</b>	<b>Lectures 11, 13-22</b>
25	Fri.	25 Mar	The Sun	14.1-3
<b>SPRING BREAK 26 Mar – 3 Apr</b>				
26	Mon.	4 Apr	Mercury	9.3, 10.3
27	Wed.	6 Apr	Terrestrial Planet Atmospheres	10.4-5
28	Fri.	8 Apr	Venus: Atmosphere	10.5
29	Mon.	11 Apr	Venus: Geology and Interior	9.5
30	Wed.	13 Apr	Mars: Overview	7.1, 9.4, 10.4
31	Fri.	15 Apr	Mars: Surface	9.4
32	Mon.	18 Apr	Giant Planets	11.1
33	Wed.	20 Apr	Giant Planets cont'd	11.1
34	Fri.	22 Apr	Moons of Jupiter	11.2
35	Mon.	25 Apr	Moons of Saturn, Uranus, Neptune	11.2
<b>36</b>	<b>Wed.</b>	<b>27 Apr</b>	<b>Preliminary Exam 3</b>	<b>Lectures 23, 25-34</b>
37	Fri.	29 Apr	Comets	12.2
38	Mon.	2 May	Planetary Rings	11.3
39	Wed.	4 May	Titan	11.2
40	Fri.	6 May	Pluto & TNOs	12.3
41	Mon.	9 May	Exobiology	24.1-2
42	Wed.	11 May	SETI, Life Out There	24.3-4
<b>Final</b>	<b>???</b>	<b>?? May</b>	<b>Final Exam (Location TBD)</b>	<b>Comprehensive</b>