

Astronomy 110 -- Section 6345 -- TTh 12:30 – 1:45 P.M. -- Tentative Schedule

This schedule will be changed if some topics may take more or less time than planned.

Exams could be one week earlier or later than listed.

Week	Monday	Topic (not necessarily the chapter heading)	Reading
1	1/26	Phenomena of the Earth, Moon, and Sun	Ch. 1
2	2/2	Phenomena (continued)	Ch. 1 (cont.)
3	2/9	History, Gravity, and the Solar System	Ch. 2
4	2/16	History, Gravity, and the Solar System (continued) Light and Telescopes	Ch. 2 (cont.) Ch. 3
5	2/23	Light and Telescopes (continued) Doppler Shift	Ch. 3 (cont.) Ch. 4-7
6	3/2	Telescopes Formation of the Solar System Exam (could be one week earlier or later)	Ch. 3 (cont.) Ch. 5 and Ch. 9-1 to 9-11
7	3/9	Formation of the Solar System (continued)	Ch. 5 (cont.)
8	3/16	Extra-solar planets Moon Asteroids and Comet Collisions	Ch. 5-11 to end Ch. 6-5 to 6-7 Ch. 9-12 & 9-13
	3/23	Spring Break (no classes)	
9	3/30	The Origin of Light and Atomic Physics The Four Fundamental Forces	Ch. 4 4-5 & 18-6
10	4/6	The Origin of Light and Atomic Physics (continued) The Sun and Nuclear Reactions	Ch. 4 (cont.) Ch. 10 (can skip sect. 10-4 through 10-6)
11	4/13	The Sun and Nuclear Reactions (continued) Exam (could be one week earlier or later)	Ch. 10 (cont.)
12	4/20	Characterizing Stars	Ch. 11
13	4/27	Stellar Lives (Evolution) Stellar Death (low mass stars) Stellar Death (high mass stars)	Ch. 12 (Cepheid variables sect. 12-12 and 12-13 can be read with Ch.16) Ch 13-1 to 13-4 Ch. 13-5 to end.
14	5/4	General Relativity and Black Holes Exam (could be one week earlier or later)	Ch. 14 (can skip 14-9 to end)
15	5/11	The Nature of the Milky Way Galaxy Galaxy Formation The Milky Way Galaxy Galaxies and the Distance Scale of the Universe	Ch. 15-1 & 15-2 18-11 & 18-12 Ch. 15 Ch. 16 & Ch. 17-4
16	5/18	Cosmology	Ch. 18
		Final: Thursday, May 28, 2015, 11:35 A.M – 1:35 P.M.	

Most of the appendices will be very useful!

Expect quizzes on weeks without tests. Exams could be one week earlier or later than listed.