

Lec #	Date	Section	Lecture Topic (guideline, subject to change)	Textbook section	Problem set
1	Wed Jan 24	I: Astrophysicist's toolkit	Introduction/Stellar & Cosmic Distances	2.6	
2	Mon Jan 29		Measuring Brightness	2.1, 2.7	
3	Wed Jan 31		Black-Body Radiation & Hertzsprung-Russell Diagram	2.3, 3.5	
4	Mon Feb 05		Bohr's Atom & Spectral Lines, Spectral Classes	2.4,3.1-3.4	PS#1 due
5	Wed Feb 07		Luminosity Classes, Binary Stars & Stellar Mechanics	5.1-5.4	
6	Mon Feb 12		Size Measurements, Mass-Luminosity Relation	5.5-5.6	
7	Wed Feb 14	II: Stellar physics	Stellar Nuclear Physics I	21.3,9.1-9.3,9.6	
	Mon Feb 19		FEBRUARY BREAK (no classes)		
8	Wed Feb 21		Stellar Nuclear Physics II		PS#2 due
9	Mon Feb 26		Stellar Structure I	9.4-9.5	
10	Wed Feb 28		Stellar Structure II		
11	Mon Mar 05	III: Stellar evolution	Stellar Evolution I/Origin of the Elements	10.1-10.3	
12	Wed Mar 07		Stellar Evolution II/Degeneracy Pressure	10.4	PS #3 due
13	Mon Mar 12		Stellar Remnants I	11.2,11.3,11.5	
14	Wed Mar 14		Stellar Remnants II		
EXAM	Mon Mar 19		IN CLASS PRELIM		
15	Wed Mar 21	IV Star formation	Star Formation I	15	
16	Mon Mar 26		Star Formation II, Star Clusters	13	PS#4 due
DISC	Wed Mar 28		Prelim discussion session, Q&A		
	Mon Apr 02		SPRING BREAK (no classes)		
	Wed Apr 04		SPRING BREAK (no classes)		
17	Mon Apr 09	V: Galaxies	The Milky Way, Our Galaxy I	16	
18	Wed Apr 11		The Milky Way, Our Galaxy II		
19	Mon Apr 16		Galaxies I	17,19	PS#5 due
20	Wed Apr 18		Galaxies II	18	
21	Mon Apr 23	VI: Cosmology	Evidence for the Big Bang Model	21.1	
22	Wed Apr 25		Big Bang Nucleosynthesis	21.2	PS#6 due
23	Mon Apr 30		Cosmic Dynamics	20	
24	Wed May 02		Cosmic Composition I		
25	Mon May 07		Cosmic Composition II		PS#7 due
26	Wed May 09		Topics in Modern Astronomy		
EXAM	TBD		FINAL EXAM		