

Tentative Schedule Astrophysics

Date	Day	Time	Topic	Maoz Chapter	Carrol/Ostlie		
					Chapter	HW Set Due	
10-Jan	Tue	1:30 - 2:45	Introduction; Kepler's Laws	part of 3.1	2		
12-Jan	Thu	1:30 - 2:45	Electromagnetic Radiation, Planck's Law	2.1	3		
17-Jan	Tue	1:30 - 2:45	The Interaction of Light and Matter	part of 3.3, 3.7	3 , 5	1	
19-Jan	Thu	1:30 - 2:45					
24-Jan	Tue	1:30 - 2:45	Classification of Stellar Spectra	2.2 -	8	2	
26-Jan	Thu	1:30 - 2:45		2.3			
31-Jan	Tue	1:30 - 2:45	The Interiors of Stars	3	10, 11	3	
2-Feb	Thu	1:30 - 2:45	Nucleosynthesis	3.9 - 3.10			
7-Feb	Tue	1:30 - 2:45	Stellar Evolution	parts of 4 and 5	12 , 13	4	
9-Feb	Thu	1:30 - 2:45					
14-Feb	Tue	1:30 - 2:45	White Dwarfs	4.2	15 , 16	5	
16-Feb	Thu	1:30 - 2:45	Supernovae and Neutron Stars	4.3 - 4.4	16		
21-Feb	Tue	1:30 - 2:45	General Relativity		17	6	
23-Feb	Thu	1:30 - 2:45	Black Holes	4.5			
28-Feb	Tue	1:30 - 2:45				7	
2-Mar	Thu	1:30 - 2:45	MIDTERM EXAM (in-class)				
7-Mar	Tue	No class	<i>Spring Break</i>				
9-Mar	Thu	No class	<i>Spring Break</i>				
14-Mar	Tue	1:30 - 2:45	Cosmic Rays	5.4	(15.5)		
16-Mar	Thu	1:30 - 2:45					
21-Mar	Tue	1:30 - 2:45	Galaxies	7	24 , 25	8	
23-Mar	Thu	1:30 - 2:45					
28-Mar	Tue	1:30 - 2:45	Galactic Evolution		26, 28	9	
30-Mar	Thu	1:30 - 2:45					
4-Apr	Tue	1:30 - 2:45	Large-scale Structure of the Universe	8	27	10	
6-Apr	Thu	1:30 - 2:45					
11-Apr	Tue	1:30 - 2:45	Cosmology	9	29	11	
13-Apr	Thu	1:30 - 2:45					
18-Apr	Tue	1:30 - 2:45	Origin of the Universe	10	30		
20-Apr	Thu	1:30 - 2:45	Summary			12	
2-May	Tue	12:30 - 3:30	FINAL EXAM (in-class)				