

ASTRONOMY 30500 PR
COURSE NUMBER: 23103
Fall 2022

Tuesday and Thursday 2:00 PM to 3:50 PM – Lectures On Line Synchronously with Recordings

COURSE SCHEDULE

Day	Date	Class	Explorations 9 th Ed.	Topic	Assignment: Chap (Test Yourself)	Assignment: Chap (Review Q)
Th	Aug 25	1	Preview	Cosmic Landscape I	P(TY 2,3,4)	P(1-7)
Tu	Aug 30	2	1.1-2	Cosmic Landscape II + Cycles of the Sky I	1(TY 1,3,4)	1(1,4,5)
Th	Sep 1	3	1.3-4, 2.1-2	Cycles of the Sky II + History I	1(TY 7,11)	2(1,5,7)
Tu	Sep 6	4	2.3-4	History II	2(TY 2,5,6,7)	2(9,11)
Th	Sep 8	5	Essay 1 , 3.1-4	Backyard Astro + Gravity & Motion I	E1 (TY 2,4,6) 3 (TY 2,4,5,6)	E1 (2-4) 3 (1,5)
Tu	Sep 13	6	3.5-3.8	Gravity & Motion II	3 (TY 7,8,9)	3 (7,9,10)
Th	Sep 15	7	4.1-4	Light & Atoms I	4 (TY 1,2,3)	4 (1,5,7)
Tu	Sep 20	8	4.5-6, Essay 2 , 5.1-2	Light & Atoms II + Relativity + Telescopes I	4 (TY 6,7,8) E2 (TY 1,2,4) 5 (TY 1,2)	4 (9,12) E2 (2,3,7) 5 (1,2)
Th	Sep 22	9	5.3-5, 6.1-5,	Telescopes II + The Earth I	5 (TY 4,6,8,9) 6 (TY 1,2,3,5)	5 (7,9) 6 (1,4,5)
Th	Oct 6	10	6.6-7, Essay 3 ,	The Earth II	6 (TY 7)	6 (10,15,16)
Tu	Oct 11	11	7.1-5	Keeping Time + The Moon	E3 (TY 2,3,4) 7 (TY 1,3,5,6)	E3 (2,5) 7 (2,6,7,8)
Th	Oct 13	12	8.1-3	Survey of Solar System	8 (TY 2,3,5,7)	8 (1,3,7,17,18,20)
Tu	Oct 18	13	Review			
Th	Oct 20	14	First Exam	All Topics through Chapter 8		
Tu	Oct 25	15	9.1-4	Terrestrial Planets	9 (TY 3,4,6,8)	9(4,5,8,14,18)
Th	Oct 27	16	10.1-5	Outer Planets	10 (TY 1,2,3,4,5)	10 (8,11,16)
Tu	Nov 1	17	11.1-4	Meteors, Asteroids & Comets	11 (TY 1,2,4,8,9,11)	11 (2,3,4,10,13,14,19)
Th	Nov 3	18	12.1-2	The Sun I	12 (TY 1,2)	12 (2,3,7,9)
Tu	Nov 8	19	12.3-5	The Sun II	12 (TY 4,6,7)	12 (10,11,14,16,20)
Th	Nov 10	21	13.1-5	Measuring Properties of Stars I	13 (TY 1,2,3,5,8,9)	13 (5,6,7,8,9)
Tu	Nov 15	22	14.1-8	Properties of Stars II + Stellar Evolution	14 (TY 1,5,6,7,9,10)	14 (8,11,14,19,23)
Th	Nov 17	20	15.1-3	Stellar Remnants	15 (TY 1,4,5,7,8)	15 (3,9,13,20)
Tu	Nov 22	23	16.1-4	The Milky Way I	16 (TY 1,3)	16 (3,5,10,14)
Tu	Nov 29	24	16.5-8	The Milky Way II	16 (TY 7,8,9)	16 (16,17,18)
Th	Dec 1	25	17.1-4	Galaxies I	17 (TY 1,2,3)	17 (2,6,10,12)
Tu	Dec 6	26	17.5-6, 18.1-3	Galaxies II & Cosmology I	17 (TY 9,10) 18 (TY 1,2,3)	17 (19,20) 18 (5,8,9,12)
Th	Dec 8	27	18.4-6, Essay 4	Cosmology II & The Origin of Life	18 (TY 5,7,9) E4 (TY 1,2,7)	18 (14,19,20) E4 (6,9)
Tu	Dec 13	28	Review			
TBA			Second Exam	All Topics after Chapter 9		

* "Essay" refers to the four chapters in the book so named.