

ASTR121 Course Outline

No.	Date	Lecture	Chapter
1	Jan.	27 Introduction, Distances	19
2		29 Stellar Motions and Magnitudes	19
3	Feb.	3 Stellar Spectra	19
4		5 Binary Systems and Mass Measurement	19
5		10 Properties of Stars/The H-R Diagram	19
6		12 The Interstellar Medium	20
7		17 Stellar Clusters and Star Formation	20,21
8		19 Stellar Evolution I	21
9		24 Stellar Evolution II	21
		26 Mid-term Exam	—
10	Mar.	2 Stellar Remnants: White Dwarfs	22
11		4 Neutron Stars and Pulsars	23
12		9 General Relativity	24
13		11 Black Holes	24
14		16 Structure of Our Galaxy	25
15		18 Motions Within Our Galaxy	25
		23 Spring Break	—
		25 Spring Break	—
16		30 Galactic Center/Stellar Populations	25
17	Apr.	1 Properties of Other Galaxies I	26
18		6 Properties of Other Galaxies II	26
19		8 Hubble's Law, Clusters of Galaxies	26
20		13 Superclusters and Active Galaxies	26,27
		15 Mid-term Exam	—
21		20 Quasars, Lensing, and More	26,27
22		22 Evolution of Galaxies	28
23		27 Cosmology	28
24		29 The Expanding Universe	29
25	May	4 The Early Universe	29
26		6 The Fate of the Universe	28
27		11 Life in the Universe	30

Final Exam: Thursday, May 13, 2004, 8:00–10:00 AM, CSS 2428