

## ASTR101 LECTURE SCHEDULE

Lecture Date	Lecture Topic	Reading/Assignment Due
Tue. Jan 26	Introduction, The Scale of the Universe	Chapter 1
Thu. Jan 28	Scientific Discovery	Chapter 1
Tue. Feb 2	Seasons and the Changing Sky	Chapter 2
Thu. Feb 4	Lunar Phases and Eclipses	Chapter 2
Tue. Feb 9	Competing Cosmologies	Chapter 3 <b>Homework #1 Due</b>
Thu. Feb 11	Kepler's Laws	Chapter 3
Tue. Feb 16	Laws of Motion	Chapter 3
Thu. Feb 18	Gravity	Chapter 3
Tue. Feb 23	Properties of Light	Chapter 5 <b>Homework #2 Due</b>
Thu. Feb 25	Spectra and Telescopes	Chapter 5
Tue. Mar 1	<b>Exam #1</b>	Chapter 1-3, 5 <b>Extra Credit #1</b>
Thu. Mar 3	Terrestrial Planets: Surfaces	Chapters 4, 5
Tue. Mar 8	Terrestrial Planets: Atmospheres	Chapter 5
Thu. Mar 10	The Jovian Planets	Chapter 6
	Spring Break March 13 – 20	
Tue. Mar 22	Moons, Asteroids, and Comets	Chapter 4, 6
Thu. Mar 24	Planetary Systems and their Formation	Chapter 4, 7
Tue. Mar 29	The Sun	Chapter 8 <b>Homework #3 Due</b>
Thu. Mar 31	The Properties of Stars	Chapter 8
Tue. Apr 5	Powering the Stars	Chapter 9
Thu. Apr 7	Stellar Lifetimes	Chapter 9
Tue. Apr 12	<b>Exam #2</b>	Chapter 4-9 <b>Extra Credit #2</b>
Thu. Apr 14	Stellar Evolution	Chapter 9
Tue. Apr 19	White Dwarfs, Neutron Stars and BH	Chapter 10 <b>Homework #4 Due</b>
Thu. Apr 21	The Milky Way	Chapters 11
Tue. Apr 26	Galaxies and Expansion of Universe	Chapter 11, 12
Thu. Apr 28	The Big Bang	Chapter 13
Tue. May 3	Dark Matter and Dark Energy	Chapter 14
Thu. May 5	Life in the Universe	Chapter 15 <b>Homework #5 Due</b>
Tue: May 10	The Big Picture and Final Overview	All
Thu. May 12	<b>Final Exam (8 am-10am)</b>	All material <b>Extra Credit #3 Due</b>