

ASTR/PHYS 109. The Cosmos: Birth and Evolution

Lecture Schedule 2008

This is an APPROXIMATE lecture schedule with suggested readings from the recommended reading.
(H = Prof. Doug Hamilton Lecture; B = Prof Jack Baggaley Lecture, T = Tutorial)

Date Lecture/Tut Topic

START OF SEMESETER 2 AND TERM 3

16 Jul	H1	A Brief Tour of the Universe. Chapter 1. (Hand out Homework #1)
17 Jul	H2	The Scale of the Universe in Space and Time. Chapter 1.
18 Jul	T1	Tutorial
23 Jul	H3	Observing the Sky. Chapter 2 & 3. (Homework #1 due. Hand out #2)
24 Jul	H4	The Earth as a Planet. Chapter 2 & 7.
25 Jul	T2	Tutorial and Quiz #1
30 Jul	H5	The Formation of the Solar System. Chapter 6. (Homework #2 due. Hand out #3)
31 Jul	H6	The Terrestrial Planets. Chapter 7.
01 Aug	T3	Tutorial
06 Aug	H7	Jovian Planet Systems Chapter 8. (Homework #3 due. Hand out Homework #4)
07 Aug	H8	Other Planetary Systems. Chapter 6.
08 Aug	T4	Tutorial and Quiz #2
13 Aug	H9	Our Star – the Sun. Chapter 10. (Homework #4 due. Hand out Homework #5)
14 Aug	H0	Surveying the Stars. Chapter 11.
15 Aug	T5	Tutorial
20 Aug	H11	Star Stuff. Chapter 12. (Homework #5 due)
21 Aug	H12	The Bizarre Stellar Graveyard. Chapter 13.
22 Aug	T6	Tutorial and Quiz #3

END OF TERM 3

START OF TERM 4.

10 Sep	B1	Early ideas of the Cosmos (Assignment due. Hand out Homework #6)
11 Sep	B2	Our Galaxy. Chapter 14
12 Sep	T7	Tutorial
17 Sep	B3	Our Galaxy. Chapter 14. (Homework #6 due. Hand out Homework #7)
18 Sep	B4	Outside our Galaxy. Chapter 15.
19 Sep	T8	Tutorial and Quiz #4
24 Sep	B5	Outside our Galaxy. Chapter 15. (Homework #7 due. Hand out Homework #8)
25 Sep	B6	Cosmology. Chapter 16.
26 Sep	T9	Tutorial
01 Oct	B7	Cosmology. Chapter 16. (Homework #8 due. Handout Homework #9)
02 Oct	B8	The Fate of the Universe. Chapter 16.
03 Oct	T10	Tutorial and Quiz #5
08 Oct	B9	The Big Bang. Chapter 17. (Homework #9 due. Hand out Homework #10)
09 Oct	B10	The Big Bang. Chapter 17.
10 Oct	T11	Tutorial
15 Oct	B11	Life in the Universe. Chapter 18 (Homework #10 due.)
16 Oct	B12	Search for extra-terrestrial life Chapter 18
17 Oct	T12	Tutorial and Quiz #6

END OF TERM 4 AND SEMESTER 2