

# ASTRONOMY 376 – FALL 2010: COSMOLOGY

Unique No. 47755

## COURSE SCHEDULE

- \* HS = Help Session in RLM 15.216A and 15.202A from 5–6pm
- \* HW = Homework
- \* Prof. Komatsu's office hours are MW 11–12 in RLM 16.210, excluding Sep 13, Oct 20, Nov 3, and Nov 10.
- \* Chi-Ting Chiang (TA)'s office hours are MW 10–11 in RLM 16.208.

Aug 26–Sep 16            *Physics of an Expanding Universe*    (3.5 weeks)  
HS on Sep 13 (M)  
In-class homework study session on Sep 14 (T)  
HS on Sep 15 (W)  
**HW#1 due Sep 16 (Th)**

Sep 21–Oct 14            *The Cosmic Microwave Background* (4 weeks)  
In-class homework study session on Sep 30 (Th)  
HS on Oct 11 (M) and Oct 13 (W)  
**HW#2 due Oct 14 (Th)**

Oct 19,21                *The Origin of Light Elements*            (1 week)  
Oct 26,28                *Dark Matter and Dark Energy*            (1 week)  
HS on Nov 1 (M)  
In-class homework study session on Nov 2 (T)  
HS on Nov 3 (W)  
**HW#3 due Nov 4 (Th)**

Nov 4–Nov 11            *Evolution of Cosmological Fluctuations* (1.5 weeks)  
HS on Nov 15 (M) and Nov 17 (W)  
**HW#4 due Nov 18 (Th)**

Nov 16–23                *Formation of Large-scale Structure* (1.5 weeks)

Nov 25                    NO CLASS (Thanks Giving Holiday)

Nov 30, Dec 2            *Cosmic Inflation*                            (1 week)  
HS on Nov 29 (M) and Dec 1 (W)  
**HW#5 due Dec 2 (Th)**