

# ASTRONOMY 309R – SPRING 2012

## GALAXIES, QUASARS, AND THE UNIVERSE

Unique No. 47655

### COURSE SCHEDULE

I encourage you to read relevant chapters of the textbook, “*Your Cosmic Context*” by Todd Duncan and Craig Tyler, before coming to class, so that you can participate in discussions more actively.

- There are 30 classes over 15 weeks (excluding Spring Break).
- “No O.H.” means that Komatsu’s office hour will be canceled on these dates.
- “HW#N due” means that the Nth homework assignment is due on that day.

January 17(T)	Orientation / Starting Points	Ch.1	
January 19(Th)	The Sky We See	Ch.2	No O.H.
January 24(T)	The Sky We See	Ch.2	HW#1 due
January 26(Th)	The Universe We Discover Through Heat and Light	Ch.3	No O.H.
January 31(T)	The Universe We Discover Through Heat and Light	Ch.3	HW#2 due
February 2(Th)	The Universe We Discover Through Motion and Gravity	Ch.4	
February 7(T)	The Universe We Discover Through Motion and Gravity	Ch.4	HW#3 due
February 9(Th)	The Universe We Discover Through Motion and Gravity	Ch.4	
February 14(T)	Clues about the Cosmos	Ch.5	HW#4 due
February 16(Th)	Clues about the Cosmos	Ch.5	
February 21(T)	Clues about the Cosmos	Ch.5	
February 23(Th)	Fabric of Spacetime	Ch.6	
February 28(T)	Fabric of Spacetime	Ch.6	HW#5 due
March 1(Th)	Fabric of Spacetime	Ch.6	
March 6(T)	An Expanding Universe	Ch.7	HW#6 due
March 8(Th)	An Expanding Universe	Ch.7	

#### *Spring Break*

March 20(T)	Photons and Electrons	Ch.8	HW#7 due
March 22(Th)	Photons and Electrons	Ch.8	
March 27(T)	The Nuclear Realm	Ch.9	HW#8 due
March 29(Th)	The Nuclear Realm	Ch.9	
April 3(T)	TBD		HW#9 due
April 5(Th)	TBD		No O.H.
April 10(T)	The Big Bang Theory	Ch.10	
April 12(Th)	The Big Bang Theory	Ch.10	No O.H.

April 17(T)	History, Density, and Destiny	Ch.11	HW#10 due
April 19(Th)	History, Density, and Destiny	Ch.11	
April 24(T)	The Story of Structure	Ch.12	HW#11 due
April 26(Th)	The Story of Structure	Ch.12	
May 1(T)	The Story of Structure	Ch.12	
May 3(Th)	The Story of Structure	Ch.12	HW#12 due