Week	Lectures	Topic	Work Due on Wed / Notes	Reading C&O*
#1	Jan. 6/8/10	Practicalities & Intro; Fundamentals: Theory & Observations		
#2	Jan. 13/15/17	Milky Way structure, Milky Way kinematics	Fri tutorial	24.1,24.2, 24.3
#3	Jan. 20/22/24	Milky Way kinematics; Hubble sequence; spirals	Problem Set 1 Fri tutorial	24.3, 25.1 25.2, 25.3
#4	Jan. 27/29/31	Elliptical galaxies, scaling relations; Groups & clusters of galaxies		25.4 PS 3.4 27.3
#5	Feb. 3/5/7	Gravitational lensing	Fri tutorial Problem Set 2	PS 2.5, 3.11
#6	Feb. 10/12/14	Dark matter	Midterm on Fri. (**in class**)	
-----READING WEEK-----				
-----NO CLASS-----				
#7	Feb. 24/26/28	Galaxy formation and evolution	Fri tutorial	PS 10.1/2/4
#8	Mar. 2/4/6	Active galaxies and quasars; central black holes	Problem Set 3	28.1,28.2, 28.3, PS 3.8
#9	Mar. 9/11/13	Distance scale; Universe's expansion	Fri tutorial	27.1,27.2
#10	Mar. 16/18/20	Newtonian cosmology	Problem Set 4 Fri tutorial Last drop Mar. 15	29.1
#11	Mar. 23/25/27	The early Universe; inflation; the growth of structure	Problem Set 5 **(due on Fri)**	29.2, 30.1, 30.2
#12	Mar. 30 Apr. 1/3	Simulations & Review	Fri tutorial	

* PS = Peter Schneider "Extragalactic Astronomy and Cosmology"