

Table 1. Galaxies &amp; AGN : Lecture Syllabus

Date	SG Chapter	Subject
Tue Aug 30	–	Introduction
Thu Sept 1	1	Stars & Stellar Evolution, magnitudes
Tue Sept 6	1	Coordinates; Milky Way and other galaxies
Thu Sept 8	1/2	Milky Way stellar populations
Tue Sept 13	2	Milky Way gas
Thu Sept 15	2	Rotation curves
Tue Sept 20	3	Poisson's equation, Virial Theorem
Thu Sept 22	3	2-body relaxation, epicycle orbits
Tue Sept 27	3	Distribution functions, CBE
Thu Sept 29	4	Census of the Local Group
Tue Oct 4	4	Stellar Populations
Thu Oct 6	4	Tidal effects
Tue Oct 11	No Class	Monday schedule
Thu Oct 13	4	Chemical Evolution
Tue Oct 18	MIDTERM	Material in Chapters 1-4
Thu Oct 20	5	Disk galaxies: stellar distribution
Tue Oct 25	5	gas, dark matter, Tully-Fisher relation
Thu Oct 27	5	Spiral arms; Bulges
Tue Nov 1	6	Ellipticals: stellar distribution
Thu Nov 3	6	Ellipticals: stellar populations
Tue Nov 8	6	Ellipticals, dark matter, BHs
Thu Nov 10	7	Dynamical Friction, baryon budget
Tue Nov 15	8	Clustering, tidal torques, Jeans mass
Thu Nov 17	9	AGN
Tue Nov 22	9	Jets
Thu Nov 24	No Class	Thanksgiving
Tue Nov 29	9	early galaxy formation
Thu Dec 1		Review
Fri Dec 16, 2-5pm	FINAL EXAM	all material covered