Homework for next Wed. Nov. 14: CO 30.4, 27.10, 27.12 Due Friday Nov. 16 (= 28.10, 25.10, 25.12 1st ed.) In 30.4, use $T_{end of GUT epoch} = 10^{28}$ K		The actual agenda: • Inflation
The Syllabus:		 Present-day structure The case for dark matter Gravitational lenses The nature of dark matter
Wednesday 11/7	Midterm 2	Ine growth of structure
Week 11: 11/9	[30.1] The very early universe and inflation	
Week 12: 11/12–11/16	The Structure of the Universe & Evolution of Galaxies [27.3] Clusters of galaxies [28.4] Using quasars to probe the universe (gray. lenses) What is dark matter?	
Week 13: 11/19+11/21	[30.2] The origin of structure; WMAP measurements.	
Friday 11/23	Thanksgiving Holiday	
Week 14: 11/26-11/30	[26.1] Interaction of galaxies [26.2] The formation of galaxies <u>Steller Population Synthesis</u>	
Week 15: 12/3-12/7	Quasars & Active galactic Nuclei (AGN). We may not get to here. [28.2] Unified model of AGN (Skip [28.1], [28.3]) [18.2] Accretion Disk description pp. 661-666 [24.4] The Galactic Center	
Tuesday 12/11	Final Exam 3–5PM	































