

COURSE OUTLINE

ATMO 170a1 – Section 3 Introduction to Weather and Climate
Lecture schedule is approximate; exams and deadline dates are fixed

FALL 2012

Week	Topic	Tuesday	Thursday	Reading	Review Exercises
1: 8/21-23	Structure of the atmosphere	Lecture	Lecture	Chapter 1	Yes
2: 8/28-30	Solar radiation and the seasons	Lecture	Lecture	Chapter 2	Yes
3: 9/4-6	Energy Balance	Lecture	Lecture	Chapter 3	Yes
4: 9/11-13	Pressure and Wind/ Midterm I	Lecture	Midterm I	Chapter 4	Yes
5: 9/18-20	Atmospheric Moisture	Lecture	Lecture	Chapter 5	Yes
6: 9/25-27	Clouds	Lecture	Lecture	Chapter 6	Yes
7: 10/2-4	Precipitation Processes	Lecture	Lecture	Chapter 7	Yes
8: 10/9-11	Midterm II	Review	Midterm II		
9: 10/16-18	The General Circulation	Lecture	Lecture	Chapter 8	Yes
10: 10/23-25	Air Masses/Fronts	Lecture	Lecture	Chapter 9	Yes
11: 10/30-11/1	Midlatitude Cyclones	Lecture	Lecture	Chapter 10	Yes
12: 11/6-8	Midterm III	Review	Midterm III		
13: 11/13-15	Lightning/T-storms Tornados	Lecture	Lecture	Chapter 11	Yes
14: 11/20-22	Tropical Cyclones	Lecture	Thanks-Giving	Chapter 12	Yes
15: 11/27-29	Climates	Lecture	Lecture	Chapter 15	Yes
16:12/4	Midterm IV	Midterm IV	Reading Day		-