

**ATMO 201 : ATMOSPHERIC SCIENCE
SECTION 200**

Instructor: R. L. Panetta

Office: 1007A

Office hrs: M -Th 11:00-12:00, (& by appointment)

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Text: Understanding Weather and Climate, 3rd ed. Aguado and Burt

Week of	Chapter	Topics	
1/17	1	Atmospheric Composition and Structure	
1/24	4	Atmospheric Pressure and Wind	Q1
1/31	2	Solar Radiation and the Seasons	
2/7	3	Energy Balance and Temperature	Q2
2/14	5	Atmospheric Moisture	
2/21	6,7	Cloud Development and Precipitation	Q3
2/28	7,11	Precipitation, Lightning & Thunder	Topic chosen
3/7	11,17	Tornadoes, Atmospheric Optics	Q4
SPRING BREAK			
3/21	8	Circulation and Pressure	
3/28	9,10	Fronts and Mid-Latitude Cyclones	Q5
4/4	12	Tropical Storms and Hurricanes	Paper Outline
4/11	13	Weather Analysis and Forecasting	Q6
4/18	14	Human Effects	
4/25	16	Climate and Climate Change	Q7
5/2	16	Climate Change	

TERM PAPER DUE: Friday May 5

Grading Scheme. The term paper and class participation will contribute 30% of the course grade. Class participation will include a short presentation on subject of term paper. The rest of the grade will be based on a biweekly series of quizzes and/or homework assignments.

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