ATMS 103.03 INTRODUCTION TO METEOROLOGY Fall 2007

DESCRIPTION: This is a non-technical and descriptive discussion of the fundamentals and principles of atmospheric processes. It is part of Topical Cluster (CL1) ILSN Natural Science requirements in UNCA Integrative Liberal Studies.

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Office Hours: M W F 11:15-11:45 pm; T Th 1 – 1:30 pm
(Or by appointment, but walk-in is always welcome)

TEXT: **The Atmosphere (10th edition, 2007) by F. K. Lutgens and E. J. Tarbuck.**

SCHEDULE: 3:10 - 4:25 pm, Tuesday, Thursday, RBH 110**.**

EXAMS: 1st Test: 9/18; 2nd Test: 10/18; 3rd Test: 11/13; Final Exam: 3-5:30 pm, 12/6/2007.

GRADING: **Quizzes: 20%, 3 Tests: 50%, classroom participation: 5%, and Final Exam: 25%.**

GRADE SCALE (100%): A $\geq$ 93: A-: 92.5-90; B+: 89.5-87; B: 86.5-83; B-: 82.5-80;
C+: 79.5-77; C: 76.5-73; C-: 72.5-70; D+: 69.5-67; D: 66.5-60 F: $\leq$ 59.5.

SPECIAL REMARKS: Class attendance is strongly recommended. You are solely responsible for the consequences due to your absence. No make-up quizzes/tests will be given. Exception may be granted for uncontrollable circumstances and medical reasons. You have to consult with the instructor at your earliest convenience for exceptions. A significant reduction of your score on your late/make-up quizzes may be applied. You will receive an F for the semester if you miss more than 8 class periods without any justifiable and excusable reasons.
Respect & Responsibility

NOTE: This syllabus is subject to any reasonable modifications by the instructor with the consent of students.

COURSE OUTLINE

Week	Dates	SUBJECT	Chapter
1	8/21, 8/23	Introduction to the Atmosphere	1
2	8/28, 8/30	Heating Earth's Surface and Atmosphere	2
3	**9/3**	**Labor Day, No Class**	
3	9/4, 9/6	Global Warming	14
4	**9/11**	**UNCA ACT Day**	
4	9/11, 9/13	Hurricanes	11
5	**9/18**	**1st Test**, Global Circulation	7
5	9/20	Global Circulation	7
6	9/25, 9/27	Temperature	3
7	10/2, 10/4	Moisture and Stability	4
8	**10/6-10/9**	**Fall Break**	
8, 9	10/11, 10/16	Forms of Condensation and Precipitation	5
9	**10/18**	**2nd Test**, Forms of Condensation and Precipitation	5
10, 11	10/23, 10/25, 10/30	Air Pressure and Winds	6
11	11/1	Air Masses	8
12	11/6	Weather Patterns	9
12	11/8	Weather Analysis and Forecasting	12
13	**11/13**	**3rd Test**, Thunderstorms and Tornadoes	10
13, 14	11/15, 11/20	Thunderstorms and Tornadoes	10
14	**11/21-11/25**	**Thanksgiving Holidays**	
15	11/27	World Climates	15
15	11/29	Global Climate Change	14
16	**12/4**	**Reading day**	
17	**12/6**	**Final Exam, 3-5:30 pm, Thursday**	