Syllabus
METR 2013: INTRODUCTION TO METEOROLOGY I
TR, 08:30-09:45, NWC 1350
Fall 2006

Instructor: Prof. Phillip Chilson (chilson@ou.edu)
Office: NWC 4618, 325-5095, Office Hours: TR 10:00-11:30 MW
Feel free to come outside of office hours if my door is open
Prerequisites: C or better in MATH 1823
Corequisites: MATH 2423, PHYS 2514

Course Content
The Earth and Its Atmosphere
Ahrens Chapter 1  Stull Chapter 1
Energy: Warming the Earth and the Atmosphere
Ahrens Chapter 2  Stull Chapter 2
Heat: Seasonal and Daily Temperatures
Ahrens Chapter 3  Stull Chapter 3

EXAM 1
Atmospheric Moisture
Ahrens Chapter 4  Stull Chapter 5
Stability and Cloud Development
Ahrens Chapter 6  Stull Chapter 6
Condensation: Dew, Fog, and Clouds
Ahrens Chapter 5  Stull Chapter 7

EXAM 2
Precipitation
Ahrens Chapter 7  Stull Chapter 8
Atmospheric Radar
Chilson Notes

FINAL EXAM

Class Homepage
The class home page will be available through Desire2Learn (https://learn.ou.edu/)

Grading
Quizzes 25%
Examinations (2) 50%
Comprehensive Final Examination 25%
(Thursday, December 15, 1:30-3:30pm)
Course Information

Overview: Students are expected to learn the basic concepts pertaining to the Earth and its atmosphere, including thermodynamics, stability, clouds, precipitation, and optics. The lectures, homework, quizzes, and examinations have been designed to emphasize quantitative problem solving. Laboratories will be coordinated with the lectures and will help you to develop skills in the use of information technology. The Laboratory Assistant (Patrick Marsh) will handle all aspects of the laboratory administration.

Academic Honesty: Homework assignments are important for your understanding of the material. Occasional help from a classmate is fine but be sure that you actually understand the material. It will help tremendously for you to come visit me in my office hours. Realize that simply copying a homework assignment from any source is considered cheating and will definitely not help your understanding. If caught, such activity could result in a failing grade in the course and possible disciplinary action. You are responsible for knowing the University of Oklahoma Student Code which can be obtained at http://www.ou.edu/studentcode/. Each assignment for this class must be accompanied by the following signed statement:

STATEMENT OF ACADEMIC INTEGRITY

On my honor I affirm that I have neither given nor received inappropriate aid in the completion of this exercise (homework, quiz, examination, laboratory report, etc.).

Signature: ___________________________ Date: ___________________________

Assignments: No late assignments will be accepted.

Pre-Finals Week: Note that a final homework or laboratory assignment may be due during Pre-Finals Week.

Examinations: If you cannot be present for an examination, it is YOUR responsibility to make other arrangements before the examination. Otherwise, the missed test cannot be retaken.

Reasonable Accommodation Policy: The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Those having such a need are requested to speak with Prof. Chilson as early in the semester as possible. Students with disabilities also must be registered with the Office of Disability Services (ODS) prior to receiving accommodations in this course. You may contact the ODS at Goddard Health Center, Suite 166, phone 405-325-3852 or TTD only at 405-325-4173.