

SYLLABUS: INTRO-METEOROLOGY 1 – HONORS (METR 2013)

CLASS TIME: T Th 10:00-11:15am
CLASS ROOM: NWC 5600

INSTRUCTOR: Dr. Kevin Kloesel, Associate Dean, College of Atmospheric and Geographic Sciences
OFFICE: NWC Suite 1102 **OFFICE HOURS: TBD**
PHONE: 325-3298 **EMAIL: longhorn@ou.edu**

COURSE WEB SITE: Accessible via <http://learn.ou.edu> (log in with 4+4)

REQUIRED TEXT: Meteorology Today, by Ahrens, 8th Edition
Meteorology for Scientists & Engineers, by Stull, 2nd Edition
The Invention of Clouds, by Hamblyn

REQUIRED READING LIST: To be assigned

COURSE GRADE DETERMINATION:

2 In-Class Exams at 20% each (no drops)	40%
1 Take Home Exam	20%
Term Project/Poster Presentations	20%
Homework Assignments	20%

ENROLLMENT: Prerequisite: Mathematics 1823 (C or better); co-requisite: METR 2011, Computer Science 1313 or 1323, Mathematics 2423, Physics 2514 or 1205

COURSE GOAL: Introduces students to important phenomena and physical processes that occur in earth's atmosphere, as well as to the basic concepts and instruments used to study atmospheric problems. Focuses on atmospheric radiation, thermodynamics, moisture, stability, clouds, and precipitation. Students will be expected to explain basic physical theoretical concepts in an oral and written format.

IMPORTANT POLICIES:

Reasonable Accommodation:

The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with me as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325-3852 or TDD only 405/325-4173.

Academic Misconduct:

All provisions of the Norman Campus Academic Misconduct Code shall apply in cases of academic dishonesty. ANY violation of the Academic Misconduct Code will result in your removal from this course, and a grade of F will be recorded for the course. Academic misconduct is defined as "any act that improperly affects the evaluation of a student's academic performance or achievement." At the University of Oklahoma, academic integrity is expected from each student. Misconduct such as plagiarism, fabrication, and fraud, as well as attempting to commit such acts or assisting others in so doing, will not be tolerated. Students are responsible for knowing the OU Academic Code, which can be found at <http://www.ou.edu/studentcode> and www.ou.edu/provost/integrity.