

## Syllabus

### Introduction to Meteorology I - METR 2013-020

**Course Description:** METR 2013 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. The course focuses on atmospheric radiation, thermodynamics, moisture, stability, clouds, and precipitation.

**Meeting Times and Location:**

Tuesday and Thursday from 10:00 – 11:15 am, NWC 5820  
Final Exam: 8:00 – 10:00 am, 12 December 2011

**Course Professor:** Jeffrey Basara, Ph.D.  
**Address:** Oklahoma Climatological Survey, NWC 2900  
**Telephone Number:** (405) 325-1760  
**Fax Number:** (405) 325-2550  
**E-mail Address:** jbasara@ou.edu  
**IM:** mesonetprof  
**Office Hours:** TBD and/or by appointment.

**Required Texts and Readings:**

Ahrens, D. (2008). Meteorology Today (9th Ed.). Thompson Press.  
Stull, R. (2000). Meteorology for Scientists and Engineers (2nd Ed.).  
Brooks/Cole  
Additional readings will be assigned as needed during the course.

**Course Grade Determination:**

2 In-Class Exams at 20% each (no drops):	40%
Final Exam:	30%
Term Project:	15%
Homework Assignments:	10%
Participation in WxChallenge:	5%

**Guaranteed Course Grades:**

100 - 90.0	A
< 90.0 – 80.0	B
< 80.0 – 70.0	C
< 70.0 – 60.0	D
< 60.0	F

An excuse for missing an exam must be provided to the instructor ***before*** the exam begins. Make-up exams will be determined at the instructor's discretion.

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

**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 <http://www.ou.edu/provost/integrity>.

**METR 2013-020 In-Class Policies:**

Students must maintain regular attendance and are expected to participate in all class discussions. To eliminate distractions to the instructor and/or fellow students, all cell phone devices must be silent during in-class meeting times and may not be used except in an emergency – texting is ***NOT*** allowed. Laptop computers are permissible (and encouraged) but ***MUST*** be used for course related activities. As such, applications and activities including, but not limited to chat, Facebook, MySpace, Twitter, etc. are ***NOT*** allowed without the consent of the instructor.