SYLLABUS: METR 2023 INTRO-METEOROLOGY II

CLASS TIME: MWF 9:00-9:50am
CLASS ROOM: NWC 5600

INSTRUCTOR: Dr. Mark Morrissey, Associate Professor, School of Meteorology, OFFICE: NWC 5321 OFFICE
HOURS: TBD EMAIL: mmorriss@ou.edu

GRADER: Lindsay Tardif
COURSE WEB SITE: Accessible via http://learn.ou.edu (log in with 4+4)


COURSE GRADE:

‘>=’ mean ‘greater than or equal to’

Two In-Class Exams at 25% each. Homework 20%. Final Comprehensive Exam 30%.
Final is in NWC 5600, Monday, May 10, 8 – 10am

Grade: 100 - 90.0% ‘A’, 89.9- 80.0% ‘B’, 79.9-70.0% ‘C’, 69.9- 60.0% ‘D’, < 60.0% ‘F’.
Note: rounding of grades will be ‘up’ if first significant digit (an integer value) is greater than ‘5’.

ENROLLMENT: Prerequisite: Grade of C or better in Mathematics 2423, PHYS 2514, METR 2013, METR 2011, CS 1313; Co-requisite: METR 2021, Mathematics 2433, Physics 2524.

COURSE GOAL: Introduces students to important phenomena and physical processes that occur in earth's atmosphere, focusing on atmospheric dynamics, wind systems of different origin and scale, and thunderstorms. The course also touches on boundary layer meteorology, air pollution, forecasting, and climate change. Students will be expected to explain basic physical theoretical concepts in an oral and written format. The students should be familiar with hydrostatic, first law of thermodynamics, soundings, cloud physics, radar and radiation. The course schedule with exam dates will be given out during the first week of class.

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 the professor 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 fax 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://studentconduct.ou.edu/ and http://www.ou.edu/provost/integrity/