

METR 2023-HONORS SECTION
Introduction to Meteorology II
Spring 2013

This course is a qualitative and quantitative introduction to the morphology of the winds and what forces make the wind on all scales. The focus will be on mid-latitude synoptic storms (extratropical cyclone model), severe weather (severe weather scenarios), and forecasting. In addition, as time permits, we will study air pollution, tropical meteorology, climate, and climate change on regional and global scales. The difficulty level of the material is designed for prepared, advanced sophomore students majoring in meteorology that are in the Honors Program at OU.

General Information

Instructor: Prof. Jerry M. Straka
Office Room: NWC 5331
Office Phone: 325-5503
E-Mail: jstraka@ou.edu or jmstraka@cox.net

Class Room: NWC 5820
Class time: T,Th 10:00AM-11:15PM
Office hours: T,Th from 9:00AM-10:00AM
Additional office hours: By appointment with 24 hr e-mail notice.

Grading

Homework:	10%
Research paper:	15%
Test 1:	25%
Test 2:	25%
Comprehensive final:	25% (8-10AM May 9, 2013 RM5820)

100%	

Scores	Grades
90-100	A
80-89	B
70-79	C
60-69	D
<59	F

Books:

Mandatory: Atmospheric Science (An Introductory Survey) by Wallace and Hobbs (2 nd edition)
Severe and Unusual Weather by Rauber, Walsh, and Charlevoix (4 th edition)

Student Responsibilities:

“Students are responsible for the content of courses in which they are enrolled. Specific policy concerning attendance requirements and announced and unannounced examinations is the responsibility of the individual instructor. Students have a responsibility to inform faculty prior to absences whenever possible. Faculty should make every effort to find a reasonable accommodation for students who miss class as a result of participation in Provost-approved University-sponsored activities or legally required activities such as emergency military service. Students missing class on account of jury duty must receive such an accommodation.” From Faculty Handbook 2009-10

Homework Policy:

Homework is due on the day assigned. Homework is to be original and done alone, but you are free to discuss problems with each other. Copying other homework will be considered cheating. Homework and Tests will be returned in less than two weeks.

Accommodations:

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 students are expected to be familiar with and abide by the OU Academic Misconduct Code. Information on this code and other student policies is located at <http://studentconduct.ou.edu>

Questions about the course:

If you ever have questions about the course or suggestions please notify me during office hours.