

*Department of Atmospheric Sciences*

COURSE ANNOUNCEMENT – SUMMER SESSION 2 – 2005

**ATMOS 100A: Introduction to Meteorology**

*Call number:* 30297

*Instructor:* Stephen Jackman, 214 Atmos. Sci. Bldg., 333-8242

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*Room and Time:* 390 Lincoln Hall; 9:00 – 10:50 M T R

*Credit:* 3 hours

*Prerequisites:* None

This course introduces basic concepts of meteorology in a hands-on, interactive format. The nature of the physical processes responsible for changes in daily weather will be discussed and then computer based exercises using current and recent weather data will be used to investigate phenomena.

Learn the answers to the following questions and more:

1. How do you read satellite, radar and weather maps?
2. How do you make a weather forecast?
3. What is the difference between the ozone hole, the greenhouse effect, and global warming?
4. Why does it feel warmer or cooler than it really is?
5. How and why do clouds form? Why do some precipitate?
6. Why does the wind blow?
7. How do thunderstorms, tornadoes and hurricanes produce severe weather?

