ATM 209 “Weather Workshop”
Fall 2021 – Class # 4682 – 3:00-4:20 PM, Thur.
Instructor: Ross Lazear
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Office hours:
2:00-3:00 PM, Mondays and Wednesdays
In-person and Zoom: https://albany.zoom.us/j/620353582

Class webpage: http://www.atmos.albany.edu/facstaff/ralazear/ATM209

Topics covered:
Surface weather data plotting
METAR code
Thermodynamic charts (“Skew-T” diagrams)
Moisture variables
Cloud types
Any interesting current weather...

Prerequisites:
You are required to be enrolled in, or have already taken ATM 210 and its pre/co-requisites (MAT 112, PHY 140) in order to take this class.

Objectives and Grading:
This weather workshop is intended to complement your coursework in ATM 210, as well as provide training for ATM 211 next semester. While there is no homework, there will be worksheets each lecture to guide you in learning the material. Keys to these worksheets will allow you to self-check your work.

Because there is no homework to be turned in each week, attendance is mandatory. 10% of your grade (10 points) will be based on attendance:

Unexcused absence #1: -5 points
Unexcused absence #2: -10 points

Absences are excused if you make sure to let me know of your legitimate, impending absence anytime well before class.

The remaining 90% of your grade (90 points) is based on three quizzes on the following dates:

Quiz #1: Thursday, September 16
Quiz #2: Thursday, October 28
Quiz #3: Thursday, December 2
Thus, your total grade in this class will be out of 100 possible points. Unexcused absences will undoubtedly hurt your grade, so be sure to come to class!

**Materials needed:**
You’ll be required to purchase a laminated Skew-T (~$12) and wet-erase markers (~$6); the links for these will be provided early in the semester.

**Undergraduate academic regulations, and standards of academic integrity:**
https://www.albany.edu/undergraduate_bulletin/regulations.html