ATM 209 “Weather Workshop”
Fall 2020 – Class # 4810 – 3:00-4:20 PM
Instructor: Ross Lazear
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Office hours:
2:00-3:00 PM, Mondays and Wednesdays

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.

Your grade is based on three quizzes, each worth a third of your final grade:

  Quiz #1: Thursday, September 17
  Quiz #2: Thursday, October 29
  Quiz #3: Thursday, November 19

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.

Course delivery: Most lectures will be delivered on Zoom, at
https://albany.zoom.us/j/99097087192. Any material presented in-person (up to three
lectures) will be re-recorded on Zoom and emailed to all students. This enables you to take
this course fully online, if you wish.

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