UFSP 100 – Freshman Seminar
The Science of Storms, Climate Change, and Environmental Impacts
Fall 2021 – Class # 5839 – Tuesdays 3:00-3:55 PM, ES-147

Lead instructor: Ross Lazear
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Office hours:
2:00-3:00 PM, Mon., and Wed., ETEC 417 and Zoom: https://albany.zoom.us/j/620353582

Topics covered:
The atmospheric circulation in a rotating tank
Weather forecasting
Severe weather and storm chasing
Hurricanes
Weather observations and the New York State Mesonet
Observations and understanding pressure and temperature
Climate change
Energy and sustainability
Paleoclimate
The Adirondacks
Also: Advisement, events on campus, careers, etc.

Class content:
While important information will be presented in class, links to assignments, syllabus, etc., can be found on the class’ Blackboard page, which you can access here: https://blackboard.albany.edu/

Objectives:
This course will be an exciting introduction to the various topics studied and taught primarily by the faculty and staff in the Department of Atmospheric and Environmental Sciences. In addition to broad overview lectures on the topics above given by several faculty members in the department, the course will also serve as an opportunity for new students to learn the ropes at UAlbany. We’ll talk about campus resources and advisement, and even have a few campus facilities tours. If at any time in the semester you have any questions about your experiences at UAlbany, please don’t hesitate to ask one of us for help!

Your course grade will come from the following:

Grading:
*** 20% Weekly Lecture Summary (you are allowed to miss one class without affecting your grade)
*** 5%: Contribute two questions or within the lecture topics forums (under “Class Discussion”)
*** 75% Four, equally weighted assignments

Attendance:
It’s extremely important to go to all of your classes, and your grade will suffer even in this course if you do not attend class. A simple summary of something you’ve learned during class will be required at the end of each week’s seminar.

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