

NATS 101

Introduction to Weather and Climate

Section 14: T/R 2:00 – 3:15 pm ILC 120

Lecturer: Prof. Elizabeth A. Ritchie, ATMO
TAs: Mr. Adrian Barnard
Ms. Anita Annamalai

Office Hours

Prof. Ritchie – Tues/Wed 11 am - 12 pm or by appointment,
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Mr. Barnard – Mon 10-11 am, Th 11 am – 12 pm or by appointment,
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Ms. Annamalai – Mon 2-3 pm, Wed 4-5 pm or by appointment,
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Required Text: *Understanding Weather and Climate, 5th Ed.* by E. Aguado and J. E. Burt

Class Policies

Attendance policy: <http://catalog.arizona.edu/2010-11/policies/classatten.htm>

UA Code of Academic Integrity, Code of Conduct and Student Code of Conduct: <http://w3.arizona.edu/~studpubs/policies/ppmainpg.html>

Course Syllabus, Outline, Reading Schedule, Homework Schedule

(and this introductory set of slides)

Can all be downloaded from the course website:

<http://www.atmo.arizona.edu/courses/fall10/nats101s14/NATS101.htm>

And the d2l website:

<http://d2l.arizona.edu/index.asp>

****** NOTE: Homework 1 becomes available for download on
Thursday and is due the following Thursday ******

Grading: Homeworks

- There will be eight homeworks throughout the semester, which are to be downloaded from the d2l course website by each student. Dates when they become available, and when they are due are listed on the website. Homeworks are due **at the beginning of class** on the dates shown. And can be uploaded to the d2l website.
- The lowest score among the eight homeworks will be dropped from the course grade.

***** THEREFORE, NO LATE HOMEWORKS
WILL BE ACCEPTED *****

Grading: Lab

- * Each student will be expected to turn in one Lab assignment. There will be a variety of experiments and these will be assigned to students via a random process. The labs will be made available by the sixth week of class and will be due by the 31st of October.

Grading: Midterm Exams

- There will be four midterm exams at regular intervals through the semester. The dates are listed in the course outline provided on the website.
- Students who arrive late on midterm days will be not allowed to take the exam after the first student turns in her/his exam.

NO EXCEPTIONS

- The lowest score among the four midterm exams will be excluded from the course grade.

***** THEREFORE, NO MAKE-UP EXAMS *****

Grading: Final Exam

- There is no final exam for this section

Grading Algorithm

- 30% Homework (lowest score dropped)
- 20% Lab
- 40% Midterm Exams (best 3 of 4 scores)
- 10% Class Participation including in-class quizzes

NO EXTRA CREDIT PROJECTS. NO EXCEPTIONS.

SO PLAN ACCORDINGLY!

Course Grading

- **Course Grading Scale**

A	90% or higher
B	80.0-89.99%
C	65.0-79.99%
D	55.0-64.99%
E	< 55.0%

Reading for Class:

- **Must be done prior to class.**
- **Material will be tested**
- **In-class activities assume your knowledge of this material**

The Golden Rule

Instructor and students all show:

Mutual Respect!

What exemplifies respectful behavior?

No talking

Turn off laptops/cell phones/pagers/ipods...

Arrive on time

Remain seated until dismissed

******No laptops are needed for class******

If you are taking notes during class either use the time-honored method of paper and pen, or if you have good reason, come and see me and we will work out the details.

Clickers

The interwrite clicker is required for this class. They are available in the bookstore.

No other clicker will work.

Clickers will be used beginning the 5th week of class.

*** I am aware that the University has decided to go with a universal clicker and that is GREAT NEWS!!! However, the information was NOT disseminated until late in the summer. Therefore all ATMO NATS sections stayed with the same technology we have been using for over two years now. ***

Literacy Requirements

- Use scientific notation for writing numbers (especially rather large or small ones). For example:
1,000,000.0 should be written as 1.0×10^6 .
0.00006 should be written as 6.0×10^{-5} .
- Specify units of physical quantities (e.g. meters for elevation, etc.). Marks will be deducted if units are missing.
- Always show **all** working. A correct number pulled out of a hat will NOT receive full credit!
- Basic algebra will be needed for some problems in this class. If you have trouble understanding how to do these problems, seek help early!

Announcements

Course Homepage...is functional!

<http://www.atmo.arizona.edu/>

Click [Course Links](#)

Click [NATS101 – Ritchie](#)

All information pertaining to this course is contained on the webpage.

The d2l webpage where the homeworks, review problem sets, solution sets and other information resides is accessible from this webpage.

You should immediately get a U of A account if you do not already have one so that you can access this website and take advantage of the U of A computing facilities.

Email correspondence to myself or the TAs should be via your .arizona.edu email otherwise it risks being automatically deleted as spam mail.

Finally ...

Professor Ritchie will not be here for Weeks 1, 3, and 4.

Other arrangements for the classes have been made.

Class will be held at the usual times, and all material will be examinable in the first Midterm exam held on the Thursday of the fourth week of class (16 September)

Professor Ritchie can be contacted by email:

ritchie@atmo.arizona.edu

AND will be here in Week 2 and Week 5 on.