

SUNY COLLEGE AT OLD WESTBURY

CP 2301 LN2 – WEATHER STUDIES LAB, May 29, – June 28, 2018

Syllabus – Summer Session

Course Description (Catalog):

Lab course designed to illustrate concepts taught in Weather Studies (CP2300). Note that all lab work will be done online. Offered in conjunction with CP2300. Corequisite: CP2300

Instructor: Prof. A. Manzi **E-mail:** manzia@oldwestbury.edu or ktmanzi@verizon.net

Office Hour: Available via e-mail 24/7. Also available in person, if needed, day/time *TBA*.

Textbook: WEATHER STUDIES, eInvestigations Manual, American Meteorological Society (AMS), **2017-2018 and Summer 2018**, ISBN# 9781944970079.

Note: The lab manual is only available as an eBook. You cannot use older lab manual editions.

Direct Access to purchase the e-text and eLabBook on the AMS website;

<https://edubooks.ametsoc.org/WXPK-17>

Online Lab Work:

<http://amsedu.ametsoc.org/amsedu/login.cfm>

Login: oldwest17 Password: ionosphere*17

After you login, click on “Archives” on the red menu bar on top left of the page. Click on “Spring 2018” (we will use this data due to the compressed summer semester). Week 1 represents Lab #1, Week 2 is Lab #2, etc. etc. Go to the “Current Weather Studies” section for your online portion of lab work. Answer sheets for the entire lab can be found there as well.

Blackboard (Online Platform):

You must check Blackboard frequently. You can access Blackboard via the <http://www.oldwestbury.edu/administrative/onlinecourses.cfm>. You will find basic course information, references, and announcements. For the lab course, it will only be used for communication purposes. **All assignments are performed in the lab manual and on the AMS website under “Current Weather Studies.”**

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Grading: Cumulative average of your ten (10) completed labs. You may work collaboratively on the labs with fellow classmates; however, you must submit your OWN lab work.

Note: Lab work is completed with the lab manual along with the AMS website.

Course Objectives

- i. Understanding of basic meteorological theory, applications and atmospheric behaviors.
- ii. Connect with the vital role that the “weather” has on our daily lives and local climate.
- iii. Foundation to apply fundamental weather forecasting techniques.
- iv. Successful course delivery of a synchronous classroom setting.

NATURAL SCIENCES (GE 7) LEARNING OUTCOMES

Students will:

- gain familiarity with the vocabulary, unifying principles and tools of one or more of the sciences (biology, physics, chemistry or earth science).
- improve quantitative skills by working problems, interpreting quantitative data and creating graphical displays of scientific data.
- develop an appreciation for scientific principles and processes at work in their environment.
- understand the relationship between mathematics, science and technology.
- develop an appreciation for the historical setting in which scientific progress has been made.
- understand the way science influences and is influenced by forces in society

Submitting Completed Labs:

You must submit all questions answered and **ALL** map/chart work that I specifically request. **It will negatively affect your grade if you submit labs late. I would prefer you e-mail your lab work.** Maps/charts can be scanned into a computer or you can take a digital picture of them. If you have difficulties submitting lab work, you must let me know in ASAP. All labs must be submitted complete. Any incomplete grades will earn a failing grade for that lab.

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How to organize and submit your lab work;

YOUR NAME **MUST** be on every page you submit or I will not accept it. This is important.

Make sure your images are not too dark/light. If I cannot read them, I cannot grade them properly.

Also, please send the ENTIRE lab assignment together in one e-mail as .pdf file format. This will make life easier for you and me.

WEEKLY LABS:

Week of 5/29/18 – Investigations 1A/1B and 2A/2B – ***Due Monday, 6/4/18***

Week of 6/4/18 – Investigations 3A/3B and 4A/4B – ***Due Monday, 6/11/18***

Week of 6/11/18 – Investigations 5A/5B and 6A/6B – ***Due Monday, 6/18/18***

Week of 6/18/18 – Investigations 7A/7B and 8A/8B – ***Due Monday, 6/25/18***

Week of 6/25/18 – Investigations 9A/9B and 10A/10B – ***Due Thursday, 6/28/18***

(The 5th week is a SHORT week, so be prepared.)

Note: Labs 11, 12, and 13 are optional, but I will count them for extra credit if you complete and submit.

POLICY ON LECTURE AND LABORATORY WITHDRAWALS

Students are advised that if, before the start 3th week of the semester, you withdraw from this lecture course (CP 2300), then you should also withdraw from the associated laboratory course (CP2301). Withdrawals after the 2nd week should be discussed with both your lecture and laboratory instructors.

POLICY ON ACADEMIC INTEGRITY

Plagiarism and cheating are condemned at all institutions of higher learning. These acts detract from the student's intellectual and personal growth by undermining the processes of studying, reading, note-taking and struggling with one's own expression of ideas and information. Moreover, cheating inevitably involves secrecy and exploitation of others.

Plagiarizing means "presenting somebody else's words or ideas without acknowledging where those words and ideas come from" (Ann Raimes, *Keys for Writers*, 5th ed., p.188). Examples include:

- copying material from the Internet or other sources and presenting it as your own
- using any author's words without quotation marks; using any quotation without credit

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- changing any author's words slightly and presenting them as your own
- using ideas from any published sources (even in your own words) without exact credit. **Note:** This includes all material from the Internet or electronic databases.
- using long passages in a paper that have been written or rewritten by a friend or tutor
- turning in any assignment written by someone else

However, using quotations or borrowed ideas while giving exact credit is good academic procedure.

Other types of academic dishonesty include unauthorized collaboration or copying of students' work (cheating); falsifying grades or evaluations; and others. They are treated as equivalent to plagiarism.

When detected and verified, plagiarism and other academic dishonesty will be punished severely. Normally, the first offense will result in a failure on the specific assignment; a second offense or a particularly flagrant first offense will result in failing the course. A second verified instance of plagiarism, after report of a first verified instance, will normally result in failing the course in which the second instance occurs. In cases of multiple reports, where the faculty member, Chair, and Dean recommend suspension or dismissal from the College, the final decision will be determined by an Academic Grievance Committee (AGC) drawn from the Faculty Rights and Responsibilities Committee. The AGC decision is final.

Know what plagiarism is and how to avoid it; for guidance see Raimes or any other college writing handbook. **Please note: in this matter, ignorance is never an acceptable excuse.**

Office of Services for Students with Disabilities

ACCOMMODATIONS FOR STUDENTS WITH SPECIAL NEEDS:

If you have or suspect you may have a physical, psychological, medical or learning disability that may impact your course work, please contact Stacey DeFelice, Director, The Office of Services for Students with Disabilities (OSSD), NAB, 2065, Phone: [516-628-5666](tel:516-628-5666), Fax [516-876-3005](tel:516-876-3005), TTD: [516-876-3083](tel:516-876-3083). E-mail: defelices@oldwestbury.edu.

The office will help you determine if you qualify for accommodations and assist you with the process of accessing them. All support services are free and all contacts with the OSSD are strictly confidential. SUNY/Old Westbury is committed to assuring that all students have equal access to all learning activities and to social activities on campus.

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Grading Distribution:

A	93+
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	59-00

