

SUNY COLLEGE AT OLD WESTBURY

CP 2300 NE2 – WEATHER STUDIES (Online), May 29, – June 28, 2018

Syllabus – Summer Session

Course Description: (Catalog):

Weather Studies will deal with the composition and structure of the atmosphere, the flows of energy to, from & through the atmosphere, and the resulting atmospheric motions. The physical principles of atmospheric phenomena are stressed, as well as the effects of weather on society. Students will participate in learning activities coordinated with current weather data delivered via the web. Laboratory investigations include experiments on the physical properties of air, analysis of weather trends, and creation and interpretation of real time weather plots. Note that all students must register for the lab section (CP2301), which will also be conducted online, separately. Offered periodically. Prerequisite: MA1020; Co-req CP2301.

CP 2300/2301 will satisfy the science course with lab SUNY degree requirement.

Instructor: Prof. A. Manzi

E-mail: manzia@oldwestbury.edu or
ktmanzi@verizon.net

Phone # 718-409-7371

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

Textbook: WEATHER STUDIES, Introduction to Atmospheric Science, Sixth Edition, Joseph M. Moran, American Meteorological Society (AMS), 2016,
eText: ISBN# 9781940033419.

You may use older versions of the textbook. Additional resources available upon request.

<u>Grading:</u>	Weekly Quizzes (5)	50%
	Online Class Discussions (5)	30%
	Research Project	20%

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.

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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

Blackboard (Online Platform):

You **must** have and use a working college e-mail account for this course.

Please take the “SLN Student Orientation” on the Blackboard home page to become familiar with this platform. Please review your computer system settings to confirm you can access Blackboard successfully. You must logon to Blackboard here [Blackboard Learning](#) and check it daily during this course. On the Blackboard platform, you will find important course information, references, announcements, power points, exams and the online class forums. You will be working **independently** and through distance learning. So, please be disciplined about keeping up with the assignments and manage your time wisely. If this is your first time taking an online course, it is important that you do not allow yourself to fall behind. Please follow my guidance and be self motivated to complete your work when expected. The online discussions and threads will keep us all connected to the content of the course and allow for a convenient open forum.

Note: You MUST use a hard wired, high speed internet connection during quizzes. Do not use a wireless laptop computer, iPad, tablet, etc. when taking quizzes.

WEEKLY READING ASSIGNMENTS & QUIZZES:

Week of 5/29/18 – Read Chapters 1 & 2 – **Quiz #1 available 6/2, 10am, Due by 10am, 6/3/18**
Week of 6/4/18 – Read Chapters 3 & 4 – **Quiz #2 available 6/9, 10am, Due by 10am 6/10/18**
Week of 6/11/18 – Read Chapters 5 & 6 – **Quiz #3 available 6/16, 10am, Due by 10am 6/17/18**
Week of 6/18/18 – Read Chapters 7 & 8 – **Quiz #4 available 6/23, 10am, Due by 10am 6/24/18**
Week of 6/25/18 – Read Chapters 9 & 10 – **Quiz #5 available THURSDAY, 6/28, 10am, Due by 10am 6/29/18 (The 5th week is a SHORT week, so be prepared.)**

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ONLINE CLASS DISCUSSIONS

I will post a class discussion topic by each Monday on Blackboard. It will reflect the content covered in that week's chapters. Each student will be **required to respond to my posting** and to **at least one of your classmate's** postings by the following Sunday. You will be evaluated on this.

RESEARCH PROJECT

You will be required to complete a research project in this course. Details to be explained on a separate reference.

QUIZZES

Each quiz will cover the chapter materials from the previous week. Quiz format will be true/false, multiple choice, fill-in. There will be 10 questions on each quiz. Quizzes will be administered through the Blackboard platform. There are no make-up quizzes. You must be able to schedule and take your quiz as scheduled.

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
- changing any author's words slightly and presenting them as your own

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- 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

