



OWENS
COMMUNITY COLLEGE

Course Syllabus
SEMESTER

School of Science, Technology, Engineering and Mathematics

Course Name: Climate and Weather

Course Number: CLW 105-XXX

Credits: 3 hrs

Instructor's Name:

Office Location:

Campus Phone:

Campus E-mail:

Any e-mail correspondence with me MUST be done using your OZONE e-mail of Owens Community College This is a policy of OCC which is strictly enforced.

Make sure that in the subject header/line of the email you ALWAYS state CLW 105-XXX.

Almost all of our correspondence and contact throughout the course will be done virtually through email (using your OZONE e-mail of Owens Community College). This is a web course hence almost of our meetings will be virtual (i.e., online --- we will typically not be meeting face to face).

CLW 105: Climate and Weather will utilize two course sites--a Pearson site and a BlackBoard site. Course lecture material, links, and videos will be available on the Pearson Mastering site. Homework, Quizzes and Tests will be taken on the course's BlackBoard site. You will need to access the BlackBoard site when you have to take a quiz, test or submit a homework assignment.

Testing: When you review the syllabus, please note the test windows. Please make sure that you are able to take the tests during those test windows throughout the semester.

Catalog Description: This is a Natural Science elective that introduces the study of climates, seasonal changes, weather, and its prediction.

Prerequisites/Co-Requisites: none

Current Textbooks, Materials, Equipment:

Text: The Atmosphere, Lutgens, Frederick K., & Tarbuck, Edward J., 14th Edition, Pearson/Prentice Hall, Upper Saddle River, NJ 2019

Basic scientific calculator (scientific notation, trig & log functions)

General Information: For information on FERPA, Cheating and Plagiarism, Assessment of Student Learning Outcomes and Student Code of Conduct, please refer to the appropriate section of the current Owens Community College Catalog online.

Course Outcomes:

The general objective of this course is to convey meteorological concepts in a visual and practical manner while simultaneously providing the student with a comprehensive background in basic meteorology.

Students Learning Outcomes: The student should develop a basic understanding the following concepts:

1. The Earth's atmosphere
2. Warming the Earth and the atmosphere
3. Air temperature
4. Humidity, condensation, and clouds
5. Cloud development and precipitation
6. Air pressure and winds
7. Atmospheric circulations
8. Air masses, fronts, and middle-latitude cyclones
9. Weather forecasting
10. Thunderstorms and tornadoes
11. Hurricanes
12. Air pollution
13. Global climate
14. Climate change
15. Light, color, and atmospheric optics

Grading Procedure:

Each student's grade will be based on quizzes, homework assignments, and 4 (four) tests. Each test will be completely multiple choice. NO PARTIAL CREDIT WILL BE GIVEN. Each test must be taken during the "window of time" specified in the tentative schedule shown below. One hour will be allowed for each test. Once a student starts taking a quiz the computer clock starts ticking and cannot be stopped. It is the student's responsibility to make sure that the assessment time is not exceeded (Use a stopwatch if the timer function is not displayed for your particular system. Start the stopwatch before the quiz is started so that allowed time limit is not exceeded.). Each quiz must be taken before its stated deadline. Five minutes will be allowed for each quiz. Late tests will not be graded. Late quizzes will not be graded. Exceeding the allowed time limit is considered late. Late homework assignments will not be graded. The tests and quizzes are closed book & closed notes (no outside help or assistance on the tests or quizzes)! Assignments must be submitted through the assignment manager (i.e. the provided

homework link). Assignments must be submitted as an RTF file through the assignment manager. Assignments will not be graded if they are not submitted in the proper file format through the assignment manager. Assignments will not be graded if they are not submitted properly (Do not submit assignments through the Digital Dropbox. Do not submit assignments through email.).

It is very important for each student to carefully plan when to start a test and thus be aware of the time to finish (one hour later). Tests will not be handed back. Quizzes will not be handed back. There are no make-up tests, make-up quizzes, or make-up homework for the course. There is no extra credit for the course.

Each student's grade will be determined according to the following scheme:

Student evaluation will be based on how well the objectives are met as shown by performance on examinations, and a comprehensive final. (Grading scale will be 90% A, 80% B, 70% C, 60% D, <60% F)

Grading will be weighted as follows:

Exam I	20%
Exam II	20%
Exam III	20%
Quizzes	10%
HMWK	10%
Final Exam	20%
Total	100%

The course grade is based on percentages (as outlined above), **NOT** on points. A grade of zero will be given for a missed exam or quiz. A grade of zero will be given for a missed homework assignment.

Read all assigned material. Work all questions and chapter reviews. Complete all worksheets. Some exam material will only be presented in lecture (i.e., It will not be found in the textbook.)

Homework – Read all of the assigned material. Work as many problems as possible at the end of each chapter. Work all exercises and all chapter reviews. One will only learn the material through working many problems. **Submit the answers to the assigned homework assignments as an RTF file through the assignment manager.**

Assignments will not be graded if they are not submitted in the proper file format through the assignment manager. No late assignments or homework will be accepted. A grade of zero will be given for a missed assignment.

Testing: When you review the syllabus, please note the test windows. Please make sure that you are able to take the tests during those test windows throughout the semester.

A final note about systems being down: in order to take an online course, you need a good, working computer system and a stable internet connection. If your computer routinely crashes or if your connection has serious problems, you will want to find alternate ways to access the course and complete your work. Routine and persistent

problems with technology (that are not the fault of OCC's server) will not be considered valid excuses for late work.

Make-up Test Policy :

There will be NO make-up tests allowed for ANY REASONS. There will be NO make-up quizzes allowed for ANY REASONS. There will be NO make-up homework allowed for ANY REASONS.

CONTACTING THE PROFESSOR:

E-mail me at EMAIL.

Any e-mail correspondence with me MUST be done using your OZONE e-mail of Owens Community College --- I will not read any other e-mail (and in fact will delete it). This is a policy of OCC which is strictly enforced.

Make sure that in the subject header/line of the email you ALWAYS state CLW 105 web student.

All of our correspondence and contact throughout the course will be done virtually through email (using your OZONE e-mail of Owens Community College). This is a web course hence all of our meetings will be virtual (i.e. online --- we will not be meeting face to face).

Tentative Calendar for CLW 105

Blocks	Chapter	Directions (Study the material for the topics & answer the questions at the end of the chapters as needed& assigned)	Tests (each window closes at DATE at TIME on the dates shown)
1 2 3 4	1 2 3 4	Chap 1: Read and study Chap 2: Read and study Chap 3: Read and study Chap 4: Read and study	TEST 1 DATE at TIME The test must be completed and submitted by DATE at TIME.
5 6 7 8	5 6 7 8	Chap 5: Read and study Chap 6: Read and study Chap 7: Read and study Chap 8: Read and study	TEST 2 DATE at TIME The test must be completed and submitted by DATE at TIME.
9 10 11 12	9 10 11 12	Chap 9: Read and study Chap 10: Read and study Chap 11: Read and study Chap 12: Read and study	TEST 3 DATE at TIME The test must be completed and submitted by DATE at TIME.
13 14 15 16	13 14 15 16	Chap 13: Read and study Chap 14: Read and study Chap 15: Read and study Chap 16: Read and study	TEST 4 DATE at TIME The test must be completed and submitted by DATE at TIME.

CLW 105 Tentative Quiz Calendar

Quiz 1	The quiz must be completed and submitted by DATE at TIME.
Quiz 2	The quiz must be completed and submitted by DATE at TIME.
Quiz 3	The quiz must be completed and submitted by DATE at TIME.
Quiz 4	The quiz must be completed and submitted by DATE at TIME.
Quiz 5	The quiz must be completed and submitted by DATE at TIME.
Quiz 6	The quiz must be completed and submitted by DATE at TIME.
Quiz 7	The quiz must be completed and submitted by DATE at TIME.
Quiz 8	The quiz must be completed and submitted by DATE at TIME.

CLW 105 Tentative Homework Calendar

Homework 1	You will have until DATE at TIME to submit this assignment.
Homework 2	You will have until 4 DATE at TIME to submit this assignment.
Homework 3	You will have until DATE at TIME to submit this assignment.
Homework 4	You will have until DATE at TIME to submit this assignment.
Homework 5	You will have until DATE at TIME to submit this assignment.
Homework 6	You will have DATE at TIME to submit this assignment.
Homework 7	You will have until DATE at TIME to submit this assignment.
Homework 8	You will have until DATE at TIME to submit this assignment.

Disclaimer: “The instructor reserves the right to amend this syllabus as deemed necessary and will communicate such amendment to the students in the course.”

GENERAL COLLEGE INFORMATION

Classroom Admittance

Owens Community College (OCC) classes (e.g. traditional, land-based, laboratory, hybrid, asynchronous online, synchronous online, etc.) shall only be attended by officially registered OCC students, instructor of record, guest lecturer or substitute instructor. Visitors are not permitted in the classroom and should not attend or participate in an online class session. See FERPA information at <http://www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html>

Counseling Services

Counseling services are available at no charge to Owens CC students providing assistance with personal, educational, interpersonal, family, social, or psychological difficulties. If you feel you may benefit from this service, contact Counseling Services at 567.661.7168 or <https://www.owens.edu/counseling/students/>

Tutoring and Academic Assistance

Information on tutoring services, writing center and academic success centers is available at <https://www.owens.edu/successcenters/>

Safety

If you have concerns about your safety or the safety of others, contact the Department of Public Safety at 567-661-7575 or <https://www.owens.edu/dps/>

Anti-Discrimination and Harassment and Title IX/Sexual Misconduct

All students, faculty, and staff are expected to follow Owens Community College's Anti-Discrimination and Harassment Policy and the College's Title IX/Sexual Misconduct Procedures and Guidelines. The College strictly prohibits and will not tolerate harassment, discrimination, intimidation, or hostile/offensive working or learning environments.

If you are unfamiliar with the Anti-Discrimination and Harassment Policy, it can be found at: <https://www.owens.edu/trustees/procedures/proc3358-11-4-17.pdf>

If you are unfamiliar with the Title IX/Sexual Misconduct Procedures and Guidelines, it can be found at: <https://www.owens.edu/trustees/procedures/proc3358-11-4-17-titleIX.pdf>

Student Code of Conduct

All students are expected to follow Owens Community College's Student Code of Conduct. If you are unfamiliar with the code, review at <https://cdn.owens.edu/conduct/code.pdf>

- Any student suspected of cheating or plagiarism will be dealt with in accordance with the standards set forth in the College Catalog.
- For information on FERPA and Assessment of Student Learning Outcomes, please refer to the appropriate section of the current Owens Community College Catalog online.
- All student athletes will be treated the same as all other students as per policies in the course syllabus and college's student handbook.

Miscellaneous Information:

Owens Community College does not automatically withdraw students when they stop attending class, nor does the College permit instructors to withdraw students who stop attending class. To avoid earning an F, the student who needs to stop attending a class should complete the necessary paperwork at the Records Office to officially drop the class from his/her schedule by the "Last Day to Drop" deadline, which is published in the schedule book. Students who stop attending a class but do not officially drop the class will earn an F.

STUDENT MENTAL HEALTH SERVICES

Student Mental Health Services are available at no charge for Owens' students to provide assistance with personal, educational, interpersonal, family, social, or psychological difficulties. If you feel you may benefit from this service, please contact Student Services. If you have concerns about your safety or the safety of others, contact the Department of Public Safety immediately at 567.661.7575.

Disability Services: If you have a disability or acquire one, you may be entitled to receive individualized services and/or accommodations intended to assure you an equal opportunity to participate in and benefit from the program. To receive more information or to apply for services, please contact the Office of Disability Services in College Hall 116 at 567-661-7007 or email disability@owens.edu.

Assessment: Please refer to page the College Catalog for the college statement on the Assessment of Student Learning.

Resources:

Open math lab and Natural Science Learning Center

Free of charge. For hours contact Math/Science dept. at 567-661-7770

SUPPORT SERVICES

Math Tutoring Center—Remote and Face-to-Face Tutoring Available. The Math Tutoring Center is available to help students deal with any issues involving math, computers, and general study skills. Visit <https://www.owens.edu/successcenters/index.html> for hours and additional information.

Religious Accommodations: A student seeking an accommodation for an absence permitted under Ohio's Testing Your Faith Act must provide the instructor with a **written email** notice with the specific dates for an absence, and must do so not later than fourteen (14) days after the first day of instruction. **Alternative accommodations are not retroactive, and no academic penalty will be imposed for an absence under the policy***. The request for an alternative accommodation will be kept confidential. Students with questions about a religious accommodation under Ohio's Testing your Faith Act may contact the College's Office of Academic Affairs: provost@owens.edu

*The policy may be found on the Owens website: [3358:11-2-63 Accommodation](#) for a Student Absence for the Observance of Religious Beliefs and Practices Policy

The instructor reserves the right to amend this syllabus as necessary and will communicate amendments to students in the course.