

ATMS 273 Diverse Climates in a Diverse World

SPRING 2020

What is all about this course?

A course to study climate change, the impact of climate change to the countries in the world, and the strategies and actions taken by diverse countries to deal with climate change. The emphasis will also be on the dire consequences of climate change to the ethnic minority groups around the world. Additionally, the students will learn geography, political and economic status of the countries, and presentation skills. This course satisfies the UNCA LAC Diversity Intensive (DI) course requirement. The WordPress page for the this course can be found at <https://ahuang.wp.unca.edu/>.

Who is the instructor?

Dr. Huo-Jin (Alex) Huang, RRO 236B
232-5157 (O)
Dept. of Atmospheric Sciences, UNCA
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<http://blizzard.atms.unca.edu/ahuang>

What is the structure of the course?

- PowerPoint Lectures
- In-class discussion/group work
- Homework assignments
- One 5-min individual presentation
- One group project - poster
- **Check out Moodle Daily**



When and Where do we meet?

1:20 – 2:35 pm, Tuesday, Thursday, RRO 239

Office Hours:

Monday 2:30 — 3:30 pm;
Tuesday, Thursday 11:10 am — 12:00 pm.
(or by appointment, but walk-in is always welcome)

Textbook: None, but select reading materials will be posted on UNCA Moodle for the students.

How will you be graded?

- Assignments: 25%;
- Mid-term Test: 20%;
- Final Exam: 20%;
- Classroom participation: 10%;
- One in-class presentation: 10%
- One group poster: 15%



How can you succeed in this course?

- Come to Classes
- Do your homework
- Read materials
- Ask Instructor
- Ask questions
- Form study group
- Think, review, connect
- Be healthy
- Choose right friends
- **Check out Moodle daily!**



Grade Scale (100%)

A \geq 93; A-: 92.5-90;
B+: 89.5-87; B: 86.5-83; B-: 82.5-80;
C+: 79.5-77; C: 76.5-73; C-: 72.5-70;
D+: 69.5-67; D: 66.5-60; F: \leq 59.5.



Exam Dates: Mid-term Test: 3/3/2020;
Final Exam: 11:30 am – 2:00 pm, Thursday, 4/30/2020.

How can you contact the instructor? By e-mail to ahuang@unca.edu



ATMS 273 COURSE OUTLINE

WEEK	DAY	DATES	SUBJECT
1	Tuesday	1/14	Introduction, Ice-breaking activities
	Thursday	1/16	World Geography
2	Tuesday	1/21	World Geography
	Thursday	1/23	World Geography
3	Tuesday	1/28	Climograph and MS Excel
	Thursday	1/30	Global Climates based on Koppen System
4	Tuesday	2/4	Global Climates based on Koppen System
	Thursday	2/6	Applications of MS Excel (Video)
5	Tuesday	2/11	Geography and Climate of North America
	Thursday	2/13	Science of Climate Change
6	Tuesday	2/18	Science of Climate Change
	Thursday	2/20	Science of Climate Change
7	Tuesday	2/25	Infographics of Climate Change, PiktoChart
	Thursday	2/27	Debate on Climate Change
8	Tuesday	3/3	Mid-term Exam
	Thursday	3/5	Instructor attends Conference, NO CLASS
9	Sat—Sun	3/7 - 3/15	SPRING BREAK
10	Tuesday	3/17	Impact of Climate Change
	Thursday	3/19	Impact of Climate Change
11	Tuesday	3/24	Students' Presentations
	Thursday	3/26	Climate Change and International Economy
12	Tuesday	3/31	Making a Poster with MS PowerPoint
	Thursday	4/2	Climate Change and International Economy
13	Tuesday	4/7	United Nations and Indigenous Peoples
	Thursday	4/9	United Nations and Indigenous Peoples
14	Tuesday	4/14	Writing an Abstract for Final Projects (Posters)
	Thursday	4/16	Impact to Minority Ethnic Groups
15	Tuesday	4/21	UNCA SPRING Symposium, NO CLASSES
	Thursday	4/23	Impact to Minority Ethnic Groups
16	Tuesday	4/28	Finalizing Final Projects (Posters)
	Wednesday	4/29	Reading Day, No classes
17	Thursday	4/30	Final Exam, 11:30 am – 2:00 pm

Special Remarks: **Class attendance is strongly recommended.** You are solely responsible for the consequences due to your absence. No make-up quizzes/tests will be given. An exception may be granted for uncontrollable circumstances and medical reasons. You have to consult with the instructor at your earliest convenience for exceptions. A **significant** reduction of your score on your late assignments and make-up quizzes/tests may be applied. You will receive an F for the semester if you miss more than **5** class periods without any justifiable and excusable reasons. **No operational electronic devices are allowed during the class period.**



Student Learning Outcomes: At the end of the semester, students are expected to

- Be able to understand climate variables, climatic processes, and feedbacks in the earth-atmosphere system;
- Understand scientific aspects and impact of climate change;
- Perform quantitative assessment of the statistics of diverse countries of the world;
- Perform critical thinking by making connections among the impacts of climate change to diverse ethnic groups;
- Have enhanced the communication, writing, and presentation skills; and
- Have developed a sense of global community and become a responsible world citizen.



Student Learning Outcomes of the Diversity Intensive Course at UNC Asheville:

1. Students understand the socially constructed nature of identities.
2. Students understand the significance of individuals' differing relationships to power.
3. Students understand how individuals, organizations, and institutions create, perpetuate, or challenge inequality.
4. Students understand how multiple identities intersect.
5. Students are better equipped to reevaluate their ideas about diversity and difference.

Academic Integrity: Individual honesty and responsibility are expected, and academic integrity is enforced. Any act of plagiarism or cheating is academic dishonesty. A person who knowingly assists another in cheating is likewise guilty of cheating. According to the instructor's view of the gravity of the offense, a student may be punished by a failing grade or a grade of zero for the assignment or test, or a failing grade in the course. If it seems warranted, the instructor may also recommend to the Provost dismissal or other serious university sanction. Please review the procedures outlined in Section 8.3 of the UNCA Faculty Handbook (<http://www3.unca.edu/aa/handbook/8.htm>) that relate to academic dishonesty.



Office of Academic Accessibility

UNC-Asheville values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources.



Students who experience a barrier to full access to this class should let the professor know, and/or make an appointment to meet with the Office of Academic Accessibility as soon as possible. To make an appointment, call 828.232.5050; email academicaccess@unca.edu; use this link <https://uncaoaintake.youcanbook.me/>; or drop by the Academic Accessibility Office, room 005 in the One Stop suite (lower level of Ramsey Library). Learn more about the process of registering, and the services available through the Office of Academic Accessibility here: <https://oaa.unca.edu/>

While students may disclose disability at any point in the semester, students who receive Letters of Accommodation are strongly encouraged to request, obtain and present these to their professors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student's responsibility to follow this process each semester. timely manner. It is the student's responsibility to follow this process each semester.

Sexual Harassment and Misconduct

All members of the University community are expected to engage in conduct that contributes to the culture of integrity and honor upon which the University of North Carolina at Asheville is grounded. Acts of sexual misconduct, sexual harassment, dating violence, domestic violence and stalking jeopardize the health and welfare of our campus community and the larger community as a whole and will not be tolerated. The University has established procedures for preventing and investigating allegations of sexual misconduct, sexual harassment, dating violence, domestic violence and stalking that are compliant with Title IX federal regulations. To learn more about these procedures or to report an incident of sexual misconduct, go to titleix.unca.edu. Students may also report incidents to an instructor, faculty or staff member, who are required by law to notify the Title IX Office.

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AGE SEXUAL
SEXUAL ORIENTATION
STALKING ASSAULT
ETHNICITY
RELIGION BATTERY
HARASSMENT
DATING VIOLENCE RACE
POLITICAL AFFILIATION
MISCONDUCT

Understanding Academic Alerts

Faculty at UNCA are encouraged to use the university's Academic Alert system to communicate with students about their progress in courses. Academic Alerts can reflect that a student's performance is satisfactory at the time the alert is submitted, or they can indicate concerns (e.g., academic difficulty, attendance problems, or other concerns). Professors use the alert system because they are invested in student success and want to encourage open conversations about how students can improve their learning, and students who respond to alerts quickly are consistently more likely to earn credit for the course. Please note, professors of 100-level courses are required to submit at least one alert about each student on or before the seventh week of classes.

When a faculty member submits an alert that expresses a concern, the student receives an email from Academic Advising notifying them of the alert and subsequent registration hold on their account. To clear the hold, the student must complete a short Google Response Form included in the alert e-mail; the results will be shared with their instructor and advising staff. Instructors may also request to meet with the student to discuss the alert.

Questions about the Academic Alert system can be directed to Anne Marie Roberts (amrober1@unca.edu) in OneStop Advising and Learning Support.

Writing Center

The University Writing Center (UWC) supports writers in one-on-one sessions lasting 10 to 45 minutes. Consultants can help writers organize ideas, document sources, and revise prose. If you visit the UWC, bring a copy of your assignment, any writing or notes you may have, and the sources you are working with. Make an appointment by visiting writingcenter.unca.edu and clicking on "Schedule an Appointment," or drop in during open hours Monday-Friday.

Disclaimer: This syllabus is the contract between the instructor and students. Most information will not be changed. However, the schedule may be altered due to unforeseeable circumstances upon the agreement between the instructor and students.