

ATMS 420
Applied Climatology
Spring 2009

Professor : Dr. Chris Hennon
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Office Hours : W 11:30-1:30, TR 11:00 – 12:00 am and other hours by appointment

Course Description

The development of fast computers and the internet has contributed to an explosion of availability of weather and climate data and predictions. Population pressures and the realization that climate is changing more rapidly than ever has led to an increased demand for climate data interpretation and application. This course serves as an introduction to the field of Applied Climatology. Climate penetrates into many facets of today's world, and will continue to do so in the future. We will investigate the many faces of Applied Climatology, both from a physical and cultural perspective.

Class Information

Call Number : 10992
Days and Time : M W F 10:25 am – 11:15 am
Building / Room : RBH 239 (Robinson Hall)

Textbook : Applied Climatology: Principles and Practice (Thompson and Perry)

Website : Moodle
Prerequisites : ATMS 405

Grading Information

Your grade for the course will be determined by a combination of three categories:

- 1. Homework Exercises (35%):** Take home problem sets that will usually be due about a week after they are given out.
- 2. Project (20%):** A short paper and class presentation. Details will be distributed later in the semester.
- 3. Exams (Mid-terms (2 x 15%) and Final Exam (15%):** All exams are not cumulative. They only cover material presented since the last exam.

Grading Scale

Your final grade will be based on the following scale:

92 – 100%	A
90 – 91.9%	A-
88 – 89.9%	B+
82 – 87.9%	B
80 – 81.9%	B-
78 – 79.9%	C+
72 – 77.9%	C
70 – 71.9%	C-
68 – 69.9%	D+
60 – 67.9%	D
< 60%	F

Make Up Policy

Homework Assignments: Homework is due at the beginning of class on the due date. Assignments may be turned in up to 24 hours late for a 50% penalty. *Homework more than 24 hours late will not be accepted under any circumstances.* If you put homework in my mailbox, please find another faculty member to date/time stamp it. My mailbox is outside of my office in room 236 RBH.

Exams: Make up exams will be given only in cases of extraordinary circumstances. You must provide written documentation. I will evaluate each reason on a case by case basis. Make up exams may include an oral section.

Project: Since you will be aware of deadlines well in advance of them, you must meet all project deadlines without exception.

Academic Dishonesty

If you use any form of cheating on an exam or assignment, you will be subject to procedures outlined in section 8.3 of the UNCA Faculty Handbook. Possible outcomes include receiving a zero for the exam or assignment, dismissal from the course, and/or suspension/dismissal from the university.

Class Schedule

The class schedule is on the Moodle page.

Final Exam: Monday, May 11, 8:00 am – 10:30 am, 239 RBH