

**ATMS 131  
Weather & Climate  
ONLINE**

**Fall 2006**

**ATMOSPHERIC SCIENCE 131-Weather & Climate**

**Course Description**

3 Credit Hour; Prerequisite: None

A non-mathematical introduction to the behavior of the atmosphere and its causes. Topics include atmospheric structure, earth-sun relationships, heat, humidity, clouds, wind, storms, forecasting, pollution, and climate. This course is organized to interest students without scientific background who wish to understand the atmosphere and weather that surround them.

**Course Objectives-**

To provide interesting and enjoyable introduction to the causes and concepts associated with weather & climate.

**Fall 2007**

Instructor -*Michael C. LoPresto*

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office-**S-16** (SCIENCE BUILDING)

**office hours**

MW 8:30-11; TR 8:30-9:30 & MTW 3:30-4:30

**ATMS131**

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**GENERAL INSTRUCTIONS**

**PLEASE READ CAREFULLY AND FOLLOW!**

Greetings!-Welcome to [Weather & Climate Online](#)

Each week you will;

1-read a chapter of USA-TODAY-The Weather Book 2<sup>nd</sup> Edition by Jack Williams, Vintage (Available at the college store- <http://collegestore.hfcc.edu/>)

or a good bookstore (ie Borders, Barnes & Noble) or Amazon.

2-Answer Questions from your reading (under ASSIGNMENTS on the UCOMPASS site) – Answers to worksheets will submitted right in Ucompass

3-Go to a related website (<http://www.usatoday.com/weather/resources/basics/wworks0.htm>)

to work with the material from the chapter

4-Do a worksheet (under COURSE MATERIALS on this UCOMPASS site) based on the website-Worksheets are downloaded from Ucompass and handed in attached to emails, by post or in my office.

5-There will be two exams, one mid-term and one during finals week taken on Ucompass under EXAMINATIONS

**Course Scheulde with DUE DATES**

Week of	Read chapter	Chapter questions due (Tuesdays)	Do website worksheet	Website worksheet due (Fridays)
1-Aug 27	1	Friday, Aug. 31	None this week	
2-Sept. 3	2	Sept. 4	How the sun drives our weather	Sept 7
3-Sept. 10	3	Sept 11	The what and why of wind and air pressure	Sept 14
4-Sept. 17	4	Sept. 18	Storms and Fronts	Sept. 21
5-Sept. 24	5	Sept. 25	When water changes forms	Sept. 28
6-Oct. 1	6	Oct. 2	Floods and droughts	Oct . 5
7-Oct. 8	7	Oct. 9	Snow, cold and ice	Oct. 12
8-Oct. 15	Exam One	Chapters 1-7	Exam One Due	Oct. 19 9AM

			Lightning, Thunderstorms,	
9-Oct. 22	8	Oct. 23	Tornadoes	Oct. 26 9AM
10-Oct.29	9	Oct. 30	Hurricanes	Nov. 2
11-Nov. 5	10	Nov. 6	The sky	Nov. 9
12-Nov. 12	11	Nov. 13	Predicting weather	Nov. 16
13-Nov. 19	12	Nov. 20	(Thanksgiving)_	Is Nov. 22
14-Nov. 26			The global climate, weather in our future	Nov. 30
15-Dec. 3			World Climates	Dec. 7
16- (finals)- Dec.10	Exam Two	Chapters 8-12 & World Climates	Exam Two due	(Tuesday) Dec. 14-9AM

### Grading

**Worksheets on Reading** -1 point per question (10-20 pts per worksheet)=about 140 points

**Worksheets on Websites** -5 points each= about 60 points

**Exams**-2 x 100 points each=200 points

**Total**=400 points

A 360-400

B 320-359

C 280-319

D 240-279

E < 240

## GENERAL ACADEMIC POLICIES

**Make-ups**- Work must be submitted on time to be accepted.

**Drop-policy**-Any student may drop a course for any reason on or before the college drop deadline. Generally, the instructor will follow the college drop deadline. After the deadline the instructor may, at his discretion, record a DR grade on a student's grade report. A student who wishes to explore this option must discuss their situation with the instructor.

**Academic Dishonesty**- This will absolutely not be tolerated under any circumstances. The definitions of and penalties for academic dishonesty are taken from the *College Organization Handbook* (see below).

### POLICY ON ACADEMIC DISHONESTY (CHEATING)

Henry Ford Community College considers academic dishonesty to be a serious offense.

It shall be the policy of the College that determination of the fact of academic dishonesty and appropriate action with respect to academic dishonesty by a student shall be a matter of individual judgment by the instructor. The instructor may administer a penalty up to and including failure in the particular course. It is the professional obligation of the faculty to enforce academic integrity in their courses.

Academic dishonesty is any activity intended to improve a student's grade fraudulently.\* It includes, but is not limited to, the following:

- A. Unauthorized acquisition of tests or alteration of grades;
- B. Unauthorized use of notes, books, or other prohibited materials during an examination;
- C. Open cheating during an examination;
- D. Permitting another person to take a test in the student's place or receiving unauthorized assistance with any work for which academic credit is received;
- E. Providing unauthorized assistance with any work for which academic credit is received;
- F. Revision of graded work in an attempt to receive additional credit fraudulently;
- G. Plagiarism or using another person's work without acknowledgment;
- H. Any other conduct intended to obtain academic credit fraudulently or dishonestly.

If an instructor fails a student in a course for academic dishonesty, the instructor will immediately notify, in writing, the division/department head, the student, and the Registrar of the infraction, retaining copies of all notifications. The Registrar will maintain a record of all such violations. If a student fails two classes as a result of academic dishonesty, he or she will be dismissed from the College for two academic years. In addition, a notation of the reason for academic dismissal will be placed on the student's transcript. The notation may be expunged at the discretion of the appropriate Vice President/Dean if a student petitions for its removal after at least a two-year period has elapsed since the disciplinary action.

If a student believes that the accusation of academic dishonesty is false, he or she may appeal through the Student Complaint Policies and Procedures. If the appeal reaches the Student Complaint Board, the Board will only consider whether the charge of academic dishonesty is justified and will not set aside or change the penalty given by the instructor unless the charge of academic dishonesty is set aside.

\* Any action that violates the Student Conduct Policy: Due Process Procedure will also be subject to review under that policy.

SAMPLE