Use of Class Materials

The materials used in this class, including, but not limited to, exams, quizzes, and homework assignments are copyright protected works. Any unauthorized copying of the class materials is a violation of federal law and may result in disciplinary actions being taken against the student. Additionally, the sharing of class materials without the specific, express approval of the instructor may be a violation of the University's Student Honor Code and an act of academic dishonesty, which could result in further disciplinary action. This includes, among other things, uploading class materials to websites for the purpose of sharing those materials with other current or future students.

LOCATION AND TIME: GAR 1.126, TTh 2:00-3:15pm

INSTRUCTOR: Troy Kimmel, Senior Lecturer  CV BIO (Email: tkimmel@austin.utexas.edu )
TEACHING ASSISTANT: Sara Diamond (Email: sdiamond@utexas.edu )
OFFICE: Liberal Arts Building (CLA), Room 3.412
OFFICE HOURS: M 1130am-130pm, W 130pm-330pm, TuTh 1030am-1050am and 1245pm-145pm / other times by appt
PHONES: Home Office 335-6472 (At times other than office hours)
         UT Office 232-1590 (Office hours only), UT Geography Switchboard 471-5116

GRADING PROCEDURE:
You will have the opportunity to earn 400 points during the semester.

At the end of the semester, when utilizing the UT “Plus” / “Minus” Final Grade Grading System and applying it to our 400 point grading system...
360-373 = A- (GPA earned = 3.67), 374-400 = A (GPA earned = 4.00)
320-331 = B- (GPA earned = 2.67), 332-345 = B (GPA earned = 3.00), 346-359 = B+ (GPA earned = 3.33)
280-291 = C- (GPA earned = 1.67), 292-305 = C (GPA earned = 2.00), 306-319 = C+ (GPA earned = 2.33)
240-251 = D- (GPA earned = 0.67), 252-265 = D (GPA earned = 1.00), 266-279 = D+ (GPA earned = 1.33)
0-239 = F (GPA earned = 0.00)

There will be three exams during the semester (multiple choice, true false, matching, short answer and essay). Each of the exams will be cumulative in nature since topics covered early in the semester are used when looking at the individual types of severe and unusual weather during the remainder of the semester. Each of these exams will count 100 points (for a total of 300 points). Makeup examinations will be essay style and will only be given at the discretion of the instructor with an official university excuse. Class participation/attendance, homework and class exercises will count for an additional 100 points; homework and class exercises not turned in on date assigned will have a point(s) penalty . There will be no final examination.

If you have a question regarding your exams, it is your responsibility to visit during office hours when we will access your copy of the exam. Any questions regarding exams will be brought forth within one week of the exam return date otherwise the grade is considered final.

DAILY WEATHER BRIEFINGS
Depending on ongoing weather, there will be weather briefings, led by the instructor, which will be held at the beginning of class. Students are expected to be aware of the overall weather pattern before class so that meaningful class discussions can be held.
TEXTBOOK/INSTRUCTIONAL MATERIALS:
We will be utilizing a textbook as well as a number of instructional materials, including on line web modules.

***VERY IMPORTANT***
You must have a new version of the text with a valid registration key for access to the on line exercise manual.

On Line Exercise Manual (required for class/this requires a valid registration key which only comes with new texts):
http://webcom8.grtxle.com/index.cfm?cu=severeweather

The textbook is available at the University Coop and other university area bookstores as well as on the web. Kendall Hunt Publishing offers the book as well as their e book for purchase on line as well..
Shop around for the best price.

AMERICANS WITH DISABILITIES ACT (ADA):
The University of Austin provides upon request appropriate academic accommodations for qualified students with disabilities. For more information, contact the Division of Diversity and Community Engagement, Services for Students with Disabilities at 471-6259, 471-6441 TTY, 866-329-3986 video phone.
If you have documentation regarding accommodations from the Dean of Students office, you must meet with me, in person and during office hours, as early as possible in the semester to discuss exact accommodations. Provisions provided by this documentation are not provided until the date you meet with me; they will not be offered retroactively. When you come to this meeting, you will be required to provide written documentation from the Services for Students with Disabilities.

CLASSROOM / CAMPUS EMERGENCY ACTION PLANS:
The status of University of Texas campus activities in times of emergency (i.e., severe/inclement weather) along with some important procedures in case of emergencies on our campus as well as in our classrooms can always be found on the University of Texas Emergency Web Page.
The University of Texas maintains Emergency Action Plans that addresses emergencies that could potentially affect the our community. You can reference the various plans here.
Our UT Siren System is used in times of emergencies when it is necessary for you to "shelter in place" in campus buildings (remain in or go to the nearest building on campus when the siren is activated and remain there until the "all clear" is given). The UT Siren System, as part of policy, is tested monthly on the first Wednesday of every month between 11:50 am and 12:00 noon. Please don't take the siren system tests for granted; be ready to take action if the siren system is activated!
We will discuss, during the first class day of the session, our emergency plan for our specific classroom in case of fire, severe/inclement weather and other different situations. Please take this discussion seriously and ask any questions that you may have!!

UT POLICY ON EMAIL NOTIFICATION
Instructor to student email is a recognized and accepted form of official communication here at the University of Texas. For the University policy, read this. It is critically important that (1) you make sure to have your current and most frequently checked email address on file in UT Direct and (2) you check it on a daily basis. I will send class email frequently during the semester and you'll be given updates and change notices in references to lectures as well as exams.
<table>
<thead>
<tr>
<th>DATE</th>
<th>SUBJECT MATTER</th>
<th>TEXT CHPTRS</th>
</tr>
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<tbody>
<tr>
<td>28 Aug</td>
<td>Properties of the Atmosphere</td>
<td>Ch 1</td>
</tr>
<tr>
<td>2 - 4 Sep</td>
<td>Meteorological Measurements</td>
<td>Ch 2</td>
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<td>9 - 11 Sep</td>
<td>Weather Maps</td>
<td>Ch 3</td>
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<tr>
<td>16 - 18 Sep</td>
<td>Forecasting and Simulating Severe Weather</td>
<td>Ch 4</td>
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**TUES / 23 SEP**  
-- EXAMINATION #1 (Essay) --

| 25 - 30 Sep | Atmospheric Stability / Forces and Force Balances                             | Ch 6, 7     |
| 2 Oct       | The Development of High/Low Pressure Areas/Air Masses and Fronts              | Ch 8, 9     |
| 7 - 9 Oct   | Extratropical Cyclones                                                       | Ch 10, 11   |
| 14 - 16 Oct | Thunderstorms - Hazards Associated with Thunderstorms                         | Ch 18       |
| 21 - 23 - 28 Oct | Tornadoes                                                                 | Ch 19       |

**THU / 30 OCT**  
-- EXAMINATION #2 (Essay) --

| 4 Nov       | Hail Storms                                                                   | Ch 20       |
| 6 Nov       | Floods                                                                       | Ch 25       |
| 11 Nov      | Downbursts                                                                   | Ch 22       |
| 13 Nov      | Lightning                                                                    | Ch 21       |
| 18 Nov      | Tropical Cyclones                                                            | Ch 24       |
| 20 Nov      | Drought                                                                      | Ch 26       |
| 25 Nov      | Cold /Heat Waves, Ice Storms                                                 | Ch 12, 14   |
| 2 Dec       | Southern Oscillation                                                         | Ch 23       |

**THU / 4 DEC**  
-- EXAMINATION #3 (Essay) --

**NO FINAL EXAM**

Last updated 08/16/2014 - tmk