Introduction to Weather—Geography 210
Spring 2011 Syllabus

Instructor
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Course Description
This course examines the nature of the atmosphere including the study of weather elements and weather systems, and provides an introduction to meteorology and the tools involved in the study of weather and climate.

Class Schedule
- Mondays, Tuesdays, Thursdays, Fridays Room 225, 8:30 am – 9:20 am
- Wednesdays, Room 225, 8:30 am – 10:20 am (LAB)
- No class on Wednesday, May 18 (advising day)
- No class on Monday, May 30 (Memorial Day)
- Last class is on Monday, June 6
- Final exam is on Tuesday, June 7, Room 225, 8:30 am – 10:20 am

Materials
- Weather Studies, Introduction to Atmospheric Science, Third Edition by Joseph M. Moran
- Calculator

Grading
- Homework, 0/6ths
- Quizzes, 1/6th
- Labs, 1/6th
- Exams 1/6th each
- Grade Table where x is the percent of points earned:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>$\infty \geq x \geq 93$</td>
</tr>
<tr>
<td>A-</td>
<td>$93 &gt; x \geq 90$</td>
</tr>
<tr>
<td>B</td>
<td>$90 &gt; x \geq 87$</td>
</tr>
<tr>
<td>B-</td>
<td>$87 &gt; x \geq 83$</td>
</tr>
<tr>
<td>C</td>
<td>$80 &gt; x \geq 77$</td>
</tr>
<tr>
<td>C-</td>
<td>$77 &gt; x \geq 73$</td>
</tr>
<tr>
<td>D</td>
<td>$70 &gt; x \geq 67$</td>
</tr>
<tr>
<td>D+</td>
<td>$67 &gt; x \geq 60$</td>
</tr>
<tr>
<td>F</td>
<td>$60 &gt; x \geq -\infty$</td>
</tr>
</tbody>
</table>

Grade Table where x is the percent of points earned:
Homework
- Homework is not part of your grade.
- Don’t get your hopes up because near-daily work out of class will be required to get the most out of this class. This includes reading the chapters covered in class, studying for quizzes and tests, and completing the labs.

Labs
- Wednesday
- Required participation
- Grade will be based on participation and/or a lab report.

Quizzes
- There will be a quiz most days on the material from the last two class periods.
- 25-30 quizzes will be given.
- Top 20 quizzes will count for final grade.

Exams
- Three exams during the quarter, one every 3 chapters.
- One comprehensive final exam

Expectations
- Please do not disturb the learning environment for others or yourself by not providing distractions to others or yourself.
- Get the most out of this class by engaging and participating.
- Keep up with the material by reading and rereading the chapters and asking questions.

Schedule
We will cover about one chapter a week. Some sections will be skipped. These skipped sections will be announced in class.

Accommodations
If you have a disability and need accommodations, please see the instructor after class or contact Claudia Angus, Coordinator of Disability Support Services at 527-4262.
**Weekly Schedule**

Week #1, March 28 – April 1  
Chapter 1 – Monitoring the Weather

Week #2, April 4 – April 8  
Chapter 2 – Atmosphere  
Chapter 3 – Solar and Terrestrial “Radiation

Week #3, April 11 – April 15  
Chapter 3 – Solar and Terrestrial “Radiation (Continued)  
Exam #1 on Friday, April 15 (Chapters 1-3)

Week #4, April 18 – April 22  
Chapter 4 – Heat, Temperature, and Atmospheric Circulation

Week #5, April 25 – April 29  
Chapter 5 – Air Pressure

Week #6, May 2 – May 6  
Chapter 6 – Humidity, Saturation, and Stability  
Exam #2 on Friday, May 6 (Chapters 4-6)

Week #7, May 9 – May 13  
Chapter 7 – Clouds, Precipitation, and Weather Radar

Week #8, May 16 – May 20  
Chapter 8 – Wind and Weather  
No class Wednesday, May 18

Week #9, May 23 – May 27  
Chapter 9 – Atmosphere's Planetary Circulation  
Exam #3 on Friday, May 27 (Chapters 7-9)

Week #10, May 30 – June 3  
No class Monday, May 30  
Chapter 10 – Weather Systems of the Middle Latitudes  
Chapter 11 – Thunderstorms and Tornadoes

Week #11, June 6 – June 8  
Final Exam on Tuesday, June 8 (Chapters 1-11)

**Disclaimer**

Instructor reserves the right to make changes to this syllabus at any time.