Introduction to Weather—Geography 210
Spring 2012 Syllabus

Instructor
- Frank Skorina
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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, 9:30 am – 10:20 am
- Wednesdays, Room 225, **8:30 am** – 10:20 am (LAB)
- No class on Wednesday, May 17 (advising day)
- No class on Monday, May 28 (Memorial Day)
- Last class is on Monday, June 4
- Final exam is on Wednesday, June 6, Room 225, 9:30 am – 11:20 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>0 &lt; x ≤ 93</th>
<th>90 &gt; x ≤ 87</th>
<th>80 &gt; x ≤ 77</th>
<th>70 &gt; x ≤ 67</th>
<th>67 &gt; x ≤ 60</th>
<th>60 &gt; x ≤ -∞</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>∞ ≥ x ≥ 93</td>
<td>B+</td>
<td>C+</td>
<td>D+</td>
<td>D</td>
<td>F</td>
</tr>
<tr>
<td>A-</td>
<td>93 &gt; x ≥ 90</td>
<td>B-</td>
<td>C-</td>
<td>F</td>
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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 26 – March 30
    Chapter 1 – Monitoring the Weather

Week #2, April 2 – April 6
    Chapter 2 – Atmosphere
    Chapter 3 – Solar and Terrestrial “Radiation

Week #3, April 9 – April 13
    Chapter 3 – Solar and Terrestrial “Radiation (Continued)
    Exam #1 on Friday, April 13 (Chapters 1-3)

Week #4, April 16 – April 20
    Chapter 4 – Heat, Temperature, and Atmospheric Circulation

Week #5, April 23 – April 27
    Chapter 5 – Air Pressure

Week #6, April 30 – May 4
    Chapter 6 – Humidity, Saturation, and Stability
    Exam #2 on Friday, May 4 (Chapters 4-6)

Week #7, May 7 – May 11
    Chapter 7 – Clouds, Precipitation, and Weather Radar

Week #8, May 14 – May 18
    Chapter 8 – Wind and Weather
    No class Thursday, May 17

Week #9, May 21 – May 25
    Chapter 9 – Atmosphere’s Planetary Circulation
    Exam #3 on Friday, May 25 (Chapters 7-9)

Week #10, May 28 – June 1
    No class Monday, May 28
    Chapter 10 – Weather Systems of the Middle Latitudes
    Chapter 11 – Thunderstorms and Tornadoes

Week #11, June 4 – June 6
    Final Exam on Wednesday, June 6 (Chapters 1-11)

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