

## **GEOGRAPHY 111 SYLLABUS WEATHER AND CLIMATE LAB, Summer I 2008**

**all labs meet in room LDB #321**

**COURSE DESCRIPTION AND OBJECTIVES:** The lab portion of *weather and climate* is an activity-related treatment of the basic components of meteorology and climatology, and how they affect humans. See detailed course outline for specific topics. Each chapter in the lab manual gives specific objectives for that chapter. Each lab is designed to last a full 1 hr. and 50 minutes.

**LAB INSTRUCTOR:** \_\_\_\_\_ e-mail \_\_\_\_\_

**OFFICE HOURS:** ( #311) Lab instructors have one office hour per week at a time(s) to be announced.

**LAB questions?:** *Lab instructor:* LDB 311; 4-3509. Head lab instructors: **to be announced** , LDB # 311; ext. 4 -3509; **Dr. John Strait**, (936) 294-4731; LDB # 335; jbs008@shsu.edu

**MATERIALS:** *eWeather and Climate*, by Gillespie, Netoff, and Tiller, 2006 (eBook in lab manual).

Lab manual: *Weather and Climate*, Netoff, 2003 or latest ed. available (*required*)

Other: #2 pencil; three colored pencils; straight edge; non-programmable calculator, and 10 Scantron 815E (15 question) forms

Access to a computer: answer sheets and explanations to lab manual questions can be found at <http://www.bearkatsonline.com>. Click on "On Campus Courses" and then on "Geography 111, Weather Lab Answer Sheets". Go to the relevant lab. Explanations can be obtained by clicking on the "radio button" to the left of the answer. This is a great site!

Free help sessions: to be announced \_\_\_\_\_

**GRADING POLICY:** The lab is worth one credit hour and is separate from the lecture grade. The lab grade is based on the average of 10 grades; best 9 of 10 quizzes and the satisfactory completion of all assignments in the lab manual. **All lab manuals** will be graded by spot checking at the end of the semester. Missed quizzes count as a zero. Quizzes are given at the end of each lab, and focus on material from that lab, so make sure you understand the lab material; a small percentage of any quiz may also consist of material from previous labs or quizzes. It is important, therefore, that material be learned cumulatively.

The lab percentages will be converted to a letter grade based on the following scale:

A.....90-100%; B.....80-89%; C.....70-79%; D.....60-69%; F.....<60%

**ATTENDANCE POLICY:** You should make every effort to attend all labs with all of the required materials. Two tardies are the equivalent of one absence. One absence is allowed per semester. Each absence in excess of one will result in a reduction of five (5) points from **your course average and will also lower your overall quiz average.**

Students who leave the lab early will be counted absent and will not be allowed to take a quiz.

**Students generally may not attend labs other than those that they are assigned to.** Under special circumstances, however, students may attend another lab *taught by their own lab instructor* provided that they obtain **prior permission from that lab instructor**. Students that request special considerations (e.g., religious holidays, learning problems) need to arrange a conference with their lab instructor within the first 2 weeks of the start of labs.

**CLASS CONDUCT:** Students who are repeatedly **disruptive in lab** (e.g., excessive talking, interrupting the lecture, sleeping, leaving class prematurely, **use of cellular phone**) may be permanently removed from the class at the discretion of the lab instructor and/or Dr. Netoff.

**CHEATING\* , DISHONESTY AND PLAGIARISM**, as defined in the *Faculty Handbook* and *Student Handbook* will not be tolerated and may, as a minimum, result in course failure.

**VISITORS:** (family, friends) are allowed in class only by pre-arrangement with the lab instructor.

## **LAB SCHEDULE Spring 2008**

Please read the introductory pages in the lab manual that pertain to that week's lab **prior to attending lab**. You may also wish to read ahead in the appropriate chapters of the eBook prior to lab. You can access help and lab answers, sample questions, etc. via computer at the WEB site given on the front side of this syllabus under MATERIALS.

### **WEEK EXERCISE**

Jan. 28-31 1 - Maps

Feb. 4-7 2 - Earth-sun relationships

Feb. 11-14 3 - Temperature

Feb. 18-22 4 - Weather observation

Feb. 25-28 5 - Pressure and winds

March 3-6 6 - Atmospheric moisture

March 7 **Drop Date**

March 10-14 **spring break**

March 17-20 7 - Adiabatics

March 24-27 8 - Air masses

March 31-April 3 9 - Weather maps

April 7-10 10 - Violent storms

April 14-17 11 - Global climates

April 28 Lab grades on-line (Blackboard)

\* University policies pertaining to plagiarism, class conduct, cheating, dishonesty, etc. are available in the *Student Handbook*, which is available on-line or in hard copy.