

**DEPARTMENT OF GEOGRAPHY  
UNIVERSITY OF FLORIDA  
GEOG2200L SUMMER A 2007  
(1 Credit Hour)**

**Course:** GEOG2200L: **Section 0428** (Summer A, 2007)

**Instructor:** Kofi Adu-Brempong

**Office Hours:** Thu 12:45pm to 2:30pm or by appointment.

**Office:** 3126 Turlington Hall

**Email:** [kadubre@ufl.edu](mailto:kadubre@ufl.edu) (I strongly recommend contact me through *E-MAIL*)

**Phone:** (352)-392-3198 x 219

**Required Course Material:**

**Manual:** Adu-Brempong and Yearwood, Summer A 2007. Department of Geography UFL. *Physical Geography Lab Manual - GEOG 2200L*

**Manual Availability:** Available for purchase at either **Target Copy** location 1412 W. University Avenue phone (352) 376-3826

**Note: It is your responsibility to purchase the above and to have it with you each time you attend class. "I forgot" is NOT EXCUSABLE!**

**Class Meetings:**

**Tues and Thu:** 2 & 3 periods

**Venue:** 3006 Turlington Hall (Geographic Analysis Lab B)

**Basic Course Objective**

This course comprises of a series of laboratory exercises designed to acquaint students with the necessary skills needed to understand the physical patterns and processes that give form and character to our earth, as well as an appreciation of the complexity of the human-environment interactions.

The exercises have been based on the concepts, theories and issues that are discussed in the GEO 2200 – Physical Geography course (lectures). **Note:** You do not have to worry if you have not taken this course yet. However, you may want to read relevant topics in any good introductory physical geography textbook. (Ask the instructor for suggestions, if necessary).

**Approach to the laboratory exercises**

Exercises will be conducted through web resources and the application of Geographic Information Systems (GIS) and Remote Sensing software. Also, occasionally we may have to make use of analog maps (old-fashioned, paper-based maps) to complete task/tasks, if necessary.

**Grading:**

In addition to the 11 lab assignments you will be required to submit two (2) written article summaries (typed and double-spaced). (Please find further notes and recommended journals/publications below). Each summary will be scored at 40points, giving a total of 80 points. Letter grades will be awarded as follows:

**90 -100%...A; 88 – 89%...B+; 80 – 87%...B; 78 – 79%.....C+; 70 – 77%.....C; 68 – 69%....D+; 60 – 67%....D; <60%....E**

**Lab Schedule**

			INTRODUCTION, OVERVIEW OF LABS, SYLLABUS, ETC.
MAY	Tue	15	
	Thu	17	LAB1 EARTH-SUN RELATIONSHIPS
	Tue	22	LAB2 TEMPERATURE PATTERNS
	Thu	24	LAB3 WATER RESOURCES
	Tue	29	LAB4 SOILS, BIOMES AND ECOSYSTEMS
	Thu	31	LAB5 PLATE TECTONICS, EARTHQUAKES AND VOLCANOES
JUNE	Tue	5	LAB6 OCEANS, TSUNAMI AND CORAL REEFS
	Thu	7	LAB7 TROPICAL CYCLONES
			<b>ARTICLE SUMMARY # 1 DUE (BEGINNING OF CLASS)</b>
	Tue	12	LAB8 TOPOGRAPHIC MAPS
	Thu	14	Lab9 GPS
	Tue	19	LAB10 GOOGLE EARTH
	Thu	21	LAB11 GIS AND REMOTE SENSING
			<b>ARTICLE SUMMARY # 2 DUE (BEGINNING OF CLASS)</b>

\* I reserve the right to make necessary changes to this syllabus. Students will be notified accordingly in advance of any possible change(s).

**Policies:**

Every lab exercise is due at the end of the lab session or period. You will need to provide valid, documented proof(s) in order to be excused and submission allowed at a later time. Otherwise, a Zero grades no credit) will be awarded to affected student (s) and will count in the computation of final. Article summaries are due in class on the due date. Late submission of lab exercise will attract a deduction of 5 points one day beyond the due date and 10 points thereafter for each day. As much as possible you are encouraged to do independent work. However, it is acceptable to share ideas and thoughts on difficult aspects of an exercise **BUT PLEASE AVOID TURNING IN SAME ANSWERS. YOU WILL BE PENALIZED FOR THIS DURING GRADING IF YOU INDULGE IN THE PRACTICE.** This applies to article summaries as well.

**ATTENDANCE: Class attendance is required for this course.**

**Academic Honesty**

As a student of the University of Florida, it is your responsibility to familiarize yourself with the University's *Academic Honesty Guidelines*. Please visit: <http://www.dso.ufl.edu/judicial/procedures/honestybrochure.php> for information.

### **Special Consideration**

If you require special classroom accommodations, you must first register with the Dean of Student Office and then bring the necessary documentation to the instructor.

### **Further notes on article summaries**

Two (2) required for this course.

Below are some suggested topics on which article summaries could be based. **Articles must be taken from peer-reviewed journals.** Please note that the list is by no means exhaustive and that you are at liberty to use any relevant article with a title/topic relevance to geography, provided you know what you are about. You may not do two summaries of the same article. Thus, each summary should be based on a different topic. Articles should be recently published - within the last 10 years. Summarize the article in **4-5** paragraphs and identify how it relates to geography. Be sure to list the journal used, journal volume and page numbers, the title of the article, the date published and the author/authors in some form of bibliographical format.

**(This will be explained in class and please feel free to ask questions and make sure you understand what is expected of you before you work on this)**

#### **Suggested topics:**

- Land cover change in the tropics
- Droughts in Africa
- Remote sensing techniques used in the tropics
- Agriculture and land use/cover change
- Effects of land cover change on hydrology
- Deforestation/Reforestation in the tropics
- Evaluating environmental institutions
- Effect of agricultural practices on hydrologic patterns/processes
- Land use/cover change in the Caribbean

### **Recommended Journals/publications**

*Professional Geographer*

*Annals of the Association of American Geographers*

*GeoForum*

*Journal of Physical Geography*

*Applied Geography*

*Earth Island Journal*

*Journal of Hydrology*

*International Journal of Remote Sensing*

*World Development*