El Camino Community College  
Physical Geography Lab  
Syllabus  
Spring 2008  
Thursdays: 2:00pm-5:00pm  
Instructor: Ebenezer Kofi Peprah  
epeprah@elcamino.edu

TEXTBOOK AND LAB MATERIALS  
You will have printed exercises for each lab topic. Bring your physical geography textbook as a resource for the lab.  
**Important:** You need colored pencils, a No. 2 pencil, an eraser, string and a ruler.

COURSE INFORMATION  
In this course, you reinforce your understanding of the basic concepts of physical geography using the World Wide Web and field trips. You study earth-sun relationships, weather, climate, geologic processes, and landforms using topographic maps, weather charts, statistical data, and field observations.

COURSE OBJECTIVES  
In this course student will:

- Know how any location on Earth can be defined by its latitude and longitude  
- Learn the difference between local time and universal time, and the various adjustments made to "clock time," e.g. time zones, daylight saving time and the use of the International Date Line.  
- Develop problem-solving and critical thinking skills using geographic data  
- Recognize weather conditions, interpret and predict weather from meteorological charts, and plot graphs depicting climate data  
- Assess the potential for damage presented by geologic and climatic hazards, and suggest solutions to environmental problems

METHODS OF INSTRUCTION

- The first half of each class will be devoted to lecture and lab preparation  
- Practical laboratory exercises using, maps, charts, instruments, and statistical data.  
- Video case studies and field trips to observe and analyze landforms and geological phenomena

IN-CLASS ASSIGNMENTS: 3 hours per Lab  
You will work on written lab exercises that require problem-solving, construction of graphs, interpretation of topographic maps and weather charts and field observation.

PREPARATION  
You should be prepared for the lab by having a good understanding of the subject matter.
EVALUATION
You will be evaluated based upon satisfactory completion of the regular lab assignments, occasional exit quizzes, a lab midterm, and a final lab examination. The purpose of the lab is to understand the material that you are working with and to develop skills in reasoning from maps, graphs, data, and other information. You should also develop skills in presenting data in graphical or map form.

It is important that you arrive promptly for the lab (6:00p.m.). At the beginning of each lab, instructions and explanations are given and videos may be shown in order for you to complete the assignment. Lab assignments must be completed in the lab.

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This is a tentative syllabus and I reserve the right to alter or change it to improve the quality of the class

Grading system

Lab work 12 lab work x 10points = 120point
Mid terms 3x40 points = 120points
Attendance 15x2 points = 30points
Total points = 270points
270 points = 100% = A