

**PHSC 1121 – Physical Science Survey Lab.  
Fall 2008 Syllabus**

**Section P01, T., 2:00 – 3:50 p.m. New Science Building Room 303**

**Section P02, R., 2:00 – 3:50 p.m., New Science Building Room 303**

**Instructor: Professor Innocent J. Aluka**

**Office: New Science Building Room 330J**

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**Office Hours: MW. 2:00– 3:00 p.m.**

**Course Goal: 1. To provide students hands-on experience and exposure to basic laws/principles of basic physical science. 2. To improve students laboratory skills such as experimental approaches, procedures and safety precautions and knowledge of basic laboratory apparatus.**

**Course Outcome: Students completing this course will compare favorably in their knowledge and hands-on experience with physical science students nationally who completed a similar course.**

**Course Policies: There are two exams and 9 laboratory assignments. Each exam is worth 20 points and lab assignments are worth 60 points. The laboratories and laboratory reports will be carried out in groups of 5 – 6. The laboratory report will be due the following week after the laboratory is carried out. Each group will hand in a separate laboratory report for each laboratory. Everyone within a laboratory group will receive the same grade for the laboratory based on that group's laboratory report. In addition, every member of each group will be expected to take at least one turn as "editor-in chief" in preparing that group's weekly laboratory report.**

**Attendance is mandatory and a roll will be taken during each class. No grade is awarded for laboratory periods where students do not have a valid university approved written excuse for missing class. Students having an excused absence can make up only missed laboratory. Students should insure that they have signed each week's attendance list in order to get credit for that week's laboratory. Do not sign some else's name.**

**Grading System: 90 – 100 = A; 80 – 89 = B; 70 – 79 = C; 60 – 69 = D and 0 – 59 = F.**

**Class Attendance policy: (Refer to the University Undergraduate E-Catalog, 2007-2008 pp.114–115.**

**Student Academic Appeals Process & Services for Students with Disabilities: (Refer to the University Undergraduate E-Catalog, 2007-2008).**

Follow all laboratory instructions in full; no shortcuts and no unauthorized experiments; without goggles, aprons and hand gloves, you are completely on your own.

Turn off all cell phones. Each time a cell phone is seen either in your hands or on your desk, five points will be deducted from your final number grade. Also each time your cell phone rings, ten points will be deducted from your final number grade.

This lab class starts at 2:00 p.m. and ends at 3:50 p.m.

Any class period student(s) come in five minutes late, that is after 2:05 p.m., 5 points will be deducted from the final number grade. Any excuses will be in writing and verifiable.

Any class period student(s) leave before 3:45 p.m., unless otherwise instructed, 10 points will be deducted from the final number grade.

Every student is expected to **ACTIVELY** participate in carrying out each laboratory assignment observable by the Professor or lab assistant.

Any **INACTIVE** student(s) will receive a grade of zero in that particular laboratory assignment.

Typed names of group members on a laboratory assignment is not acceptable. Each group member is expected to hand-write the names. All laboratory assignments with typed names of group members will not be graded and a grade of zero will be assigned to the violating group.

#### Course Outline

Laboratory #	Laboratory Topic
	No laboratory 1 <sup>st</sup> week
1	Measurements
2	Volcanoes/Earthquake
3	Topographic Map I
4	Topographic Map II
5	Weather Forecasting/Hurricanes and Chill factors
6	Makeup Labs
7	Lab. Exam #1
8	Minerals
9	Igneous Rocks
10	Sedimentary Rocks
11	Metamorphic Rocks
12	Makeup Labs
13	Lab. Exam #2

**THIS SCHEDULE IS VARIABLE**