

## PHSC 1123–Physical Science One

Fall Semester 2007

Section 001, MW, 3-4:20 p.m., New Science Building Room 303

Section 004, MWF, 10-10:50 a.m., New Science Building Room 101

Section 006 TR, 09:30-10:50 a.m., New Science Building, Room A103

Professor	Innocent Aluka	Office Hours	MW: 1-2
Office	New Sci. Bldg, RM 330J	E-mail	ijaluka@pvamu.edu
Phone	936-261-3139		

COREQUISITE: PHSC 1121

PREREQUISITE: None

LEC. TEXTBOOK: Physical Science, 7th Ed; Author: Bill W. Tillery  
Publ. McGrawHill.

REFERENCE SOURCES: 1.Web/Internet; home work related websites will be supplied by the instructor. 2. Any physical Science Textbook

COURSE GOAL: This course is designed to introduce students to the basic principles of physical science and physical processes in our environment. The following branches of physical science will be emphasized: Geology, Astronomy, and Meteorology.

### COURSE OUTCOMES:

- Students will be able to fit in properly in our ever changing technological world
- Students will be able to adjust to any unforeseen changes in order to grow, survive and handle their problems and at the same time contribute to the growth of fellow man.

### COURSE POLICIES:

This course uses the lecture format. Homework problems will be assigned from time to time during the entire semester. Quizzes may be given occasionally on covered materials. It is expected that you will need to spend at least two hours studying outside the class for each hour spent in class. That means you should plan to devote a minimum of six hours per week for this class. This is a business intensive class, so be prepared to work. My objective is to help you succeed.

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. Each time your cell phone rings, ten points will be deducted from your final number grade.

### HOMEWORK AND GRADING:

There are four examinations in this class; two examinations during the first half of the semester and two more examinations during the second half of the semester. Each exam is worth 20 points and a total of 80 points of your final grade. Makeup examinations will be given ONLY for a university-approved absence verified in writing. The remaining 20 points of your final grade will come from either homework assignments, quizzes, classroom discussion and any special project(s) together, or some of them chosen by the professor. Homework assignments will be turned in on their due dates only; no late homework assignments will be accepted. The grading system is as follows:

90 – 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

### ORAL AND WRITTEN COMMUNICATIONS

Oral or written communication will be given through exams, homework, classroom and individual discussion, and use of optional web-based materials.

**ATTENDANCE POLICY:**

Class will start and end at the prescribed times. Attendance at every class is expected and is each student's responsibility. Absence or tardiness may result in lowered grades. Excessive absenteeism, whether EXCUSED or UNEXCUSED, may result in a student's course grade being reduced or assignment of a grade of "F". Absences are accumulated beginning with the first day of class. The University Undergraduate Catalog, 2005 – 2007, p. 111 provides detailed information about student class attendance policy.

**STUDENT ACADEMIC APPEALS PROCESS & SERVICES FOR STUDENTS WITH DISABILITIES:**  
(Refer to the University Undergraduate Catalog 2005 – 2007, pp. 61 and 106 – 108)

**College of Arts and Sciences Student & Staff Aspiration Statement**

The faculty and staff of the College of Arts and Sciences at PVAMU are committed to providing the best possible quality education to its students. To that end, we will work hard to prepare the students for success by setting the proper academic environment and background necessary to facilitate learning. In order for us to be successful, there are some basic expectations our students must demonstrate. These expectations are a simple ingredient to foster camaraderie and '*esprit de corps*' in every class and classroom on campus. Additionally, these are lifelong fundamental learning skills to better prepare students for success in America's job market.

**CAS student expectations:**

- You are expected to come to class prepared and on time.
- Higher education is an investment in your future, to that end; you must endeavor to be properly equipped for class. (i.e. School supplies, text, and other supporting materials).
- Resolution of any classroom issues (i.e. Grades, course materials, etc) should begin with the instructor.
- If you must leave early, notify the instructor before the class begins, sit by the door, and exit quietly.
- Be considerate of your fellow classmates; please turn off all phones, pagers and other electronic devices.
- Do not talk to other students during lecture. If you have a question or a comment on the subject being discussed, address it to the instructor directly.
- Walk quietly through the hallways, classes in other rooms may still be in session.
- Please refrain from eating, drinking, sleeping in class, using profanity, and engaging in any form of horseplay in the classroom it is disruptive to your fellow classmates.
- Be respectful, civil, polite and considerate when dealing with your professors as well as your fellow classmates.
- Student attire is based on personal preference and taste. The rule of thumb is simple, if it projects a statement which is offensive to others, then maturity should dictate that it is probably not a good idea to wear to class.
- Enthusiasm is infectious, a smile and positive attitude will go far to motivate and charge your professors and fellow classmates.

## COURSE OUTLINE

<b>Week</b>	<b>Topic</b>	<b>Note</b>
1 ( Aug. 20– 24)	Definition of Geology and Geology profession  Earthquakes and Earth's Interior	Late Registration and Drop/Add <u>Begins</u> , 8/20/07 Late Registration and Drop/Add <u>Ends</u> , 8/24/07
2 (Aug. 27 – Aug. 31)	Earthquakes and Earth's Interior continued	General Student Assembly (8/29/07)
3 (Sept. 3 - 7)	Plate Tectonics and Seafloor Spreading	Labor Day (University Closed) 9/3/07 Last Day to withdraw from courses w/out record(s), Courses Dropped for Non-payment and Census Date, 12 <sup>th</sup> class Day (9/5/07). Withdrawal from course(s) with record of "W" <b>BEGINS</b> , (9/6/07)
4 (Sept. 10 – 14)	Geologic Time	Late Graduation Application Deadline Period for Dec. Graduation (9/10- 9/15/07)
5 (Sept. 17 – 21)	Geologic Time Continued Exam. #1 The Universe	
6 (Sept. 24 – 28)	The Universe Continued	
7 (Oct. 1 – 5)	The Solar System	
8 (Oct. 8 – 12)	The Solar System Continued Exam #2	Mid-Semester exam period (Oct.11-13)
9 (Oct. 15 – 19)	Minerals	
10 (Oct. 22 – 26)	Minerals Continued	Homecoming (10/21 – 10/27)
11 (Oct. 29 – Nov. 2)	Rocks	Withdrawal from course(s) with record of "W" <b>ENDS</b> Oct. 29.
12 (Nov. 5 - 9)	Rocks Continued Exam. #3	Exam. #3
13 (Nov. 12 – 16)	Atmosphere, Composition and Layers, Weather and Climate	
14 (Nov. 19 - 23)	Atmosphere, Composition and Layers, Weather and Climate cont'd	Thanksgiving Holiday (11/22-24) (University closed)
15 (Nov. 26–Nov. 29)	Review and Study Days  Final Exam Period	Course Review Days, Nov. 26-27, Last Class Day (11/27/2007) Study Days (11/28 – 11/29/2007). ----- Nov. 30 – Dec. 5, 2007 Final Grades due for Graduation Candidates (12/5/07)
<b>THIS</b>	<b>SCHEDULE</b>	<b>IS VARIABLE</b>