COURSE SYLLABUS
PHY119, SECTION 01
PHYSICS LABORATORY
3 CREDIT HOURS
Summer 2008

1. LOCATION OF CLASS MEETING

Room 205 of the Farrington Building

2. CLASS MEETING TIMES

Monday, Tuesday, and Wednesday at time indicated by the schedule.

3. INSTRUCTOR

The supervisor for this class is Dr. Charles R. Meitzler. A variety of individual lab instructors will be introduced on the first day of class.

4. OFFICE LOCATION

313 Farrington Bldg.

5. INSTRUCTOR CONTACT INFORMATION

The instructor may be contacted in one of several ways:

1)   Phone 936.294.1601
2)   E-mail: crmeitzler@shsu.edu

6. OFFICE HOURS

Office hours for this course are at the following times:

Monday	$13^{00}-13^{55}$
Tuesday	$13^{00}-13^{55}$
Wednesday	$13^{00}-13^{55}$
Thursday	$13^{00}-13^{55}$
Friday	$13^{00}-13^{55}$

As per University policy, other times are available by appointment only. These office hours are subject to change and revision without prior notification during the semester for a variety of university-related functions or instructor illness.

7. COURSE DESCRIPTION

This course is the follow-on to PHY118.

Student performance will be assessed via quizzes, lab reports and a final exam.

Students are encouraged to ask questions during class. Furthermore, you are encouraged to ask questions about any physical phenomena you observe in daily life or have read about in the newspaper.

8. COURSE OBJECTIVES

The objective of this course is to round out your knowledge of physics. You will need to learn the basic concepts. Ideally, you should be able to apply your knowledge to an assortment of practical problems presented in the laboratory exercises.

9. REQUIRED TEXTBOOKS

This course uses most recent version of the laboratory manual. The current version is good only for the Summer 2008 sessions.

Students are required to acquire a copy of the textbook prior to the third class meeting.

10. REQUIRED SUPPLIES

The following supplies are required for this course:

1) Writing instrument
2) Scientific calculator with the following higher-order functions: since, cosine, square root, exponentiation, scientific notation.
3) Notebook or ring binder with appropriate paper
4) Textbook

11. OPTIONAL TEXTS, REFERENCES, AND SUPPLIES

No optional texts, references or supplies are required for this course.

12. ATTENDANCE POLICY

As per University policy, attendance will be taken on a regular, periodic basis. Attendance is not used to calculate your final grade for the course. Attendance at scheduled exams and quizzes is mandatory.

13. LAB REPORTS

Lab reports are required for each laboratory exercise. They are to be presented in the form specified in the laboratory manual.

Late reports will not be accepted.

14. QUIZ GRADES

Quiz grades will be provided on "Blackboard" as a courtesy only – the official grades are maintained off-line. Your final grade will be calculated off-line using the following formula:

$$Quiz = \frac{Your\ total\ quiz\ points}{Total\ available\ quiz\ points} \times 100.$$

15. EXAMS

There will be a single final exam for this course. The final exam will be held During the last scheduled laboratory period. The exam will consist of a mixture of conceptual questions and numerical problems. The following additional rules conditions apply:

1) **Attendance at exams is mandatory.** Failure to attend will result in the grade of zero.

2) Midterm grades will be provided on "Blackboard" as a courtesy only – the official grades are maintained off-line.

3) **Exam dates will not be changed due to conflicts with other courses.** Failure to attend will result in a grade of zero being given to the student.

4) **Make-up exams** will not be given without a valid medical excuse signed by a licensed physician or the student is in compliance with the Religious Holy Days policy given below.

16. GRADING PLAN

The official grades and calculations are maintained off-line. Only the official grades are used to calculate the final course grade.

The average course grade is calculated using the following formula:

$$Avg = (0.6 * L + 0.3 * Q + 0.1 * F).$$

where L is the lab report average, Q is the quiz average, and F is the grade of the final exam. After obtaining the average, letter grades will be assigned according to the following scale:

A	$90 \leq Avg \leq 100$
B	$80 \leq Avg < 90$
C	$70 \leq Avg < 80$
D	$60 \leq Avg < 70$

F	Avg < 60

Be aware: an average of 79.99999999999999999 is a "C."