

COURSE SYLLABUS
PHY119, ALL SECTIONS
INTRODUCTORY PHYSICS LAB
1 CREDIT HOUR
Spring 2008

1. LOCATION OF CLASS MEETING

Room 207 of the Farrington Building

2. CLASS MEETING TIMES

Monday through Thursday at the time indicated on your schedule.

3. INSTRUCTOR

The supervisor for this class is Dr. Charles R. Meitzler. The TA for each section will vary depending on the time.

4. OFFICE LOCATION

Dr. Meitzler: 313 Farrington Bldg.

TA: To be provided during the first class period

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

The TA will provide you with their own contact information

6. OFFICE HOURS

Office hours for this course are at the following times:

Monday	13 ⁰⁰ –16 ⁰⁰
Tuesday	14 ⁰⁰ –15 ⁰⁰
Wednesday	13 ⁰⁰ –16 ⁰⁰
Thursday	14 ⁰⁰ –15 ⁰⁰
Friday	None

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 a laboratory that accompanies the PHY139 lecture course. The laboratory exercises are designed to illustrate different experimental techniques or methods of analyzing data used by physicists. This course is a stand-alone course and may not cover topics in the same order or at the same pace as PHY139. The order of the lab exercises is posted in the lab.

8. COURSE OBJECTIVES

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

9. REQUIRED TEXTBOOKS

The required textbook is the most recent version of PHY119 Laboratory Manual.

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: sine, 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

Attendance is mandatory. There will be no make-up labs. An excused absence requires a note signed by a licensed physician or the student is in compliance with the Religious Holy Days policy.

13. QUIZZES

A quiz will be administered each week. It will cover the material in the lab exercise for that particular day.

14. QUIZ GRADES

Quiz grades will be provided on “Blackboard” as a courtesy only – the official grades are maintained off-line. Your final Quiz grade will be calculated off-line using a simple unweighted average.

15. LAB WRITE UPS

Formal lab write-ups are required for each lab exercise. They are to be turned in at the beginning of the next lab period. The format of the write-up is included in the lab manual.

16. EXAMS

The final exam will be held at the time scheduled by the instructor before the final week of class. The exam will consist of a mixture of conceptual questions and problems related directly to the lab exercises. Because of the nature of the subject, all exams are cumulative.

The following additional rules/conditions apply:

- 1) **Attendance at the final exam 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.

17. 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:

$$\text{Avg} = 0.3 \cdot Q + 0.6 \cdot L + 0.1 \cdot F$$

University mandated parts of syllabi:

Student Syllabus Guidelines: You may find online a more detailed description of the following policies. These guidelines will also provide you with a link to the specific university policy or procedure:

<http://www.shsu.edu/syllabus/>

Academic Dishonesty: Students are expected to maintain honesty and integrity in the academic experiences both in and out of the classroom. *See Student Syllabus Guidelines.*

Classroom Rules of Conduct: Students are expected to assist in maintaining a classroom environment that is conducive to learning. Students are to treat faculty and students with respect. Students are to turn off all cell phones while in the classroom. Under no circumstances are cell phones or any electronic devices to be used or seen during times of examination. Students may tape record lectures provided they do not disturb other students in the process.

Student Absences on Religious Holy Days: Students are allowed to miss class and other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. Students remain responsible for all work. *See Student Syllabus Guidelines.*

Students with Disabilities Policy: It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should visit with the Office of Services for Students with Disabilities located in the Counseling Center. *See Student Syllabus Guidelines.*

Visitors in the Classroom: Only registered students may attend class. Exceptions can be made on a case-by-case basis by the professor. In all cases, visitors must not present a disruption to the class by their attendance. Students wishing to audit a class must apply to do so through the Registrar's Office.