Visual Impaired Experiment in PHYS 1105
PHYS 4175.001

GENERAL COURSE INFORMATION
Name and Department: Dr. Harry D. Downing, Professor of Physics and Regents Scholar, Department of Physics, Engineering and Astronomy
Instructor Homepage: http://faculty.sfasu.edu/downingharry/downing.htm
Office: Room 207M, Ed and Gwen Cole STEM Building
Student/Office Hours: M(11-12), T(1:00-2:00), W(12:30-1:30), R(11-11:50), F(12-1) or by appt.
Phone/Fax/E-mail: 468-2290 or 468-3001/Fax: 468-4448/hdowning@sfasu.edu
Class Meeting Times and Place/Modality: 9:30-10:45 TR HYLVF
Physics Homepage: http://www.sfasu.edu/academics/colleges/sciences-math/physics-engineering-astronomy/academics/physics
Appointment Maker: http://astro.sfasu.edu/downing/

COURSE DESCRIPTION
1 semester hour, 1 hour of instruction and 2 hours of assigned work per week. This is a special problems course that will develop experiments for the visually impaired for PHYS 1105. Includes consultations with faculty in Education Studies.

PROGRAM LEARNING OUTCOMES
There are no specific program learning outcomes for the physics program addressed in this course.

GENERAL EDUCATION CORE CURRICULUM OBJECTIVES/OUTCOMES
This course is not included in the general education core curriculum.

STUDENT LEARNING OUTCOMES
By the end of the course, the successful student will be able to:
➢ Demonstrate the ability to analyze PHYS 1105 experiments and determine the difficulties they cause the visually impaired student.
➢ Demonstrate the ability to collaborate with professionals who work with the visually impaired student.
➢ Exhibit the ability to design well thought-out experiments for the visually impaired student.

Course Requirements

The grade of A will be earned for a student that completes all their responsibilities in the conducted research as detailed by the research supervisor. This includes the following objectives:

a. Supervised internship and research hours summing to a minimum of 12.5 hours (1 SCH equivalent).
b. Independent internship and research hours summing to a minimum of 24.5 hours (SFA Policy 5.4)
c. Complete one of the following:
1. Complete a research poster to be presented in the STEM building and other related events.
2. Give a poster presentation of research at a professional conference.
3. Give an oral presentation of research at a professional conference.
4. Be acknowledged as an (co)author on a research paper stemming from the research activity.

d. Obtain a letter of recommendation from research supervisor.

The grade of B will be earned if 3 of 4 objectives are completed. The grade of C will be earned for 2 of 4 objectives are completed. The grade of D will be earned for 1 of 4 objectives are completed. Otherwise, a failing grade will be earned.

**Academic Integrity (4.1)**

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

**Definition of Academic Dishonesty**

Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at [http://www.sfasu.edu/policies/student-academic-dishonesty-4.1.pdf](http://www.sfasu.edu/policies/student-academic-dishonesty-4.1.pdf)

**Withheld Grades Semester Grades Policy (5.5)**

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

**Students with Disabilities**

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).
Student Code of Conduct: Policy 10.4
Classroom behavior should not interfere with the instructor’s ability to conduct the class or the ability of other students to learn from the instructional program. Unacceptable or disruptive behavior will not be tolerated. Students who disrupt the learning environment may be asked to leave class and may be subject to judicial, academic or other penalties. This policy applies to all instructional forums, including electronic, classroom, labs, discussion groups, field trips, etc. The instructor shall have full discretion over what behavior is appropriate/inappropriate in the classroom. Students who do not attend class regularly or who perform poorly on class projects/exams may be referred to the iCare: Early Alert Program at SFA. Information regarding the iCare program is found at http://www.sfasu.edu/judicial/earlyalert.asp or call the office at 936-468-2703.

Mental Health and Wellness
SFA values students’ mental health and the role it plays in academic and overall student success. SFA provides a variety of resources to support students' mental health and wellness. Many of these resources are free, and all of them are confidential.

On-campus Resources:
SFA Counseling Services
www.sfasu.edu/counselingservices
Rusk Building, 3rd Floor
936.468.2401

SFA Human Services Counseling Clinic
www.sfasu.edu/humanservices/139.asp
Human Services, Room 202
936.468.1041

Crisis Resources:
Burke 24-hour crisis line: 1.800.392.8343
Suicide Prevention Lifeline: 1.800.273.TALK (8255)
Crisis Text Line: Text HELLO to 741-741

Disclaimer: Per SFA policy 5.4, this schedule and chosen exercises reflects that for each credit hour we will have one hour of faculty instruction with at least two hours of out-of-class student work per week. In other words, for an X credit hour class the student should expect X class hours of faculty instruction with 2 times X out-of-class hours of student work per week.