

**Physics as a Profession
PHYS 4991-P01 Spring 2011**

Instructor: Dr. Kevin Storr
Text: *Notes will be provided*
Office: 330H New Science Building
Contact: **(936) 261-3132** **kastorr@pvamu.edu**
Classroom: New Science Building, Room 322

Time	Office Hours
Thursday 1 – 1:50	MWF 10am – 11am; 12 – 2pm

COURSE DESCRIPTION

Physics as a Profession is a 1 Credit semester hour course. It is an introductory course in Physics which includes Seminars and lectures on physics as a discipline and its relationship to other disciplines.

COURSE POLICIES

This course uses the seminar format and will engage students with a series of colloquia by differing presenters on the relevance of Physics across discipline lines. Students will participate by performing literature reviews on the topics presented. Give at least one presentation during the semester and will write four papers for the semester.

GRADING SCHEME

Assignment	Points	Grade	Scale (% of total points)
Literature Review	15	A	90 – 100
Papers	40	B	80 – 89.99
Presentation	30	C	70 – 79.99
Attendance	5	D	60 – 69.99
Project	10	F	Below 60
Total	100 points		

Semester Schedule (subject to change)

Week of	Topic	Note
1 (Jan 18 – 22)	Introduction to Physics	Late Registration & Drop/Add Ends on Jan 22 for Undergrad. & on Jan 23 for Graduate Students
2 (Jan 25 – 29)	Condensed Matter Physics	Jan 28: General Student Assembly (morning)
3 (Feb 1 – 5)	Computational Physics	Feb 3: Last day to withdraw from course w/o record
4 (Feb 8 – 12)	Physics in Sports	
5 (Feb 15 – 19)	Oil Based Physics	
6 (Feb 22 – 26)	Astronomy	
7 (Mar 1 – 5)	Radiation Physics	
8 (Mar 8 – 12)	Physics In Chemistry	
9 (Mar 15 – 19)	SPRING BREAK	
10 (Mar 22 – 26)	Physics in Engineering	
11 (Mar 29 – Apr 1)	Physics in the Financial Sector	No Classes on Apr 2 (Good Friday/Eas
12 (Apr 5 – 9)	Theme Park Physics and Physics of Toys	Apr 5: Last day to withdraw from course with "W"
13 (Apr 12 – 16)		
14 (Apr 19 – 23)	Physics in Music	
15 (Apr 26 – 30)	Advances in Medical and BioPhysics	End of Course
	Dec. 8 -9	Study Days
16 (Dec. 13)	Final Examination Dec. 15 8am – 10am	Final Exam

University Rules and Procedures

Disability statement (See Student Handbook):

Students with disabilities, including learning disabilities, who wish to request accommodations in class, should register with the Services for Students with Disabilities (SSD) early in the semester so that appropriate arrangements may be made. In accordance with federal laws, a student requesting special accommodations must provide documentation of their disability to the SSD coordinator.

Academic misconduct (See Student Handbook):

You are expected to practice academic honesty in every aspect of this course and all other courses. Make sure you are familiar with your Student Handbook, especially the section on academic misconduct. Students who engage in academic misconduct are subject to university disciplinary procedures.

Forms of academic dishonesty:

1. Cheating: deception in which a student misrepresents that he/she has mastered information on an academic exercise that he/she has not mastered; giving or receiving aid unauthorized by the instructor on assignments or examinations.
2. Academic misconduct: tampering with grades or taking part in obtaining or distributing any part of a scheduled test.
3. Fabrication: use of invented information or falsified research.
4. Plagiarism: unacknowledged quotation and/or paraphrase of someone else's words, ideas, or data as one's own in work submitted for credit. Failure to identify information or essays from the Internet and submitting them as one's own work also constitutes plagiarism.

Nonacademic misconduct (See Student Handbook)

The university respects the rights of instructors to teach and students to learn. Maintenance of these rights requires campus conditions that do not impede their exercise. Campus behavior that interferes with either (1) the instructor's ability to conduct the class, (2) the inability of other students to profit from the instructional program, or (3) campus behavior that interferes with the rights of others will not be tolerated. An individual engaging in such disruptive behavior may be subject to disciplinary action. Such incidents will be adjudicated by the Dean of Students under nonacademic procedures.

Sexual misconduct (See Student Handbook):

Sexual harassment of students and employers at Prairie View A&M University is unacceptable and will not be tolerated. Any member of the university community violating this policy will be subject to disciplinary action.

Attendance Policy:

Prairie View A&M University requires regular class attendance. Excessive absences will result in lowered grades. Excessive absenteeism, whether excused or unexcused, may result in a student's course grade being reduced or in assignment of a grade of "F". Absences are accumulated beginning with the first day of class.

Student Academic Appeals Process

Authority and responsibility for assigning grades to students rests with the faculty. However, in those instances where students believe that miscommunication, errors, or unfairness of any kind may have adversely affected the instructor's assessment of their academic performance, the student has a right to appeal by the procedure listed in the Undergraduate Catalog and by doing so within thirty days of receiving the grade or experiencing any other problematic academic event that prompted the complaint.