PHYSICS 151 - COLLEGE PHYSICS

Instructor: Dr. Jack McMillan Class Meeting: TTh 9:30 - 10:50

Office Hours: 11:00 - 12:00 TTh Rm 24 Henry Hall

x 811

Text: COLLEGE PHYSICS, Serway & Faughn, 4th. edition

- 1. Course Objective: Physics 151 is an algebra- based introduction to physics. Upon satisfactory completion, the student will have good preparation for further science courses required of some science majors and for entry into career areas such as pre-med and pre-dentistry.
- Course Content: The material covered in this course is drawn from chapters 1 14
 of the text. Thus we shall study mechanics (including waves and vibrations)
 and thermodynamics.
- 3. Quizzes: It is important to study the material before coming to class. Therefore, a short quiz consisting of 2-3 questions will be given at the beginning of class before each new chapter. Grading is 0 10 points.
- 4. Homework: To prepare for the tests, it is essential that the student practice problems assigned as homework. Approximately 10 12 problems per chapter will be assigned and the test problems will be similar to the homework. I don't collect homework, but will post solutions.
- 5. Exams: There will be 4 exams, each covering 3 chapters, and a final covering the last 2 chapters. Grading is 0 100 points. Each test will consist of 5 problems, of which the student may choose 4. If the student works all 5, the best 4 will be used for grade determination.
- 6. Attendance: I don't take attendance as responsible, mature students will attend if able. However, some scholarship programs require instructor information regarding attendance, so I will note any prolonged absences.

7. Grade Evaluation: Quizzes - 40 % Exams - 60%

Course letter grades are determined as follows: A = 90 - 100%

B = 80 - 89%

C = 70 - 79%

D = 60 - 69%

F = 0 - 59%