Physics 50-61 Fall 2015 (9/11/2015 document version)

Instructor: Mark Ramsbey
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Physics 50-61 website: http://deanza.edu/faculty/ramsbeymark/phys05061.html
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Lecture Hours: TTh 5:30 – 7:20 pm (Room S35)

Office Hours: T 7:30- ?? pm (Room S35); by special arrangement (Room S13)
Final Exam Date: Tuesday, December 8 at 4:00-6:00 p.m.
Text: PHYSICS 4th Edition Vol. 1 by James S. Walker
Prerequisites: Algebra and trignometry. Advisory: Mathematics 43 and Physics 10

If you miss more than three lectures you may find yourself dropped from the class. Do not assume you will be dropped – it is your responsibility to drop or withdraw to avoid an "F".

Course objectives:

1. Practice applying scientific method to problems. Develop good problem solving methods and skills to help you in Physics 4A or similar courses. Identify and improve relevant math skills.
2. Master course materials in:
   Kinematics (describing the motion of a body in 2 dimensions)
   Dynamics (motion of an object due to forces using Newton's laws)
3. Provide feedback to improve learning methods

Course structure - see "Learning Process" diagram

Format for homework, quizzes, exam problems – see "Format …" document.

All work must be shown to receive full credit for a problem.

There is generous partial credit if you follow the format.

Homework: Homework is essential to practice and learn why the "wrong ways" or misconceptions due not work. Homework is due at beginning of second class after being assigned. No late homework accepted since it is discussed on that day. Working together, using the tutoring center, office hours, etc. is encouraged. Notes/comments to Mark on unclear or difficult areas are encouraged. Otherwise Mark assumes if you have the correct solution then you understand.

Quizzes: Purpose is to tell how well each individual in the class understands material or step through how to work a specific type of problem. Generally one a week. No make ups. One lowest quiz score will be dropped. Missed quiz = 0 points for that quiz.

Exams: There will be two mid-term exams and one comprehensive final. For the exams you may bring one sheet (one side) of notes you personally have compiled and hand written. You will be provided with any constants you need. To pass the class, you must take all the exams. There are **NO MAKE-UP** exams without prior consent from the instructor. You can send an email or leave a message before the exam time in case of an emergency. Students who fail to show up for the final exam will receive a grade of **"F"** for the course.

Grade weighting:

Class participation and feedback	5%
Homework	10%
Quizzes	20%
Exam 1	20%
Exam 2	20%
Comprehensive Final	25%

Grades will be determined as follows (all are >=):

A+: 98-100%	A: 92-98%	A-: 90-91%
B+: 88-89%	B: 82-87%	B-: 80-81%
C+: 78-79%	C: 72-77%	C-:70-71%
D: 55-69%;		
F: 0-55%		

To pass the class you *must* take all the exams.

A grade of zero points will be assigned to any work done if a student has been found cheating on it.

If you wish to discuss the grading of homework, quizzes, test or labs you must come to me within two class periods of the class period graded documents were returned to the class.

Thanks to other physics instructors for phrases and format of this "green sheet".