PHY131-01, MWF @ 8:00 – 8:50 am, room 3-2137

Instructor: Lana Stouklova
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Web page: http://www.csupomona.edu/~sbstouklova/

Office Hours: MW @ 9:00 -10:30 am, room 8-211 or by appointment

Office Location: Building 8, Room 225


Prerequisite: MAT 114 or MAT 130

Co-requisite: MAT 115 or MAT 131, and PHY 131L

Course Description: The course will cover the fundamental principles of mechanics, vectors, statics, uniform motion, accelerated motion, work and energy, momentum, and rotational motion.

Preparation, Attendance, and Participation: Preparation for class, attendance, and, especially, active class participation are very important and will be awarded. Class time is limited and valuable. It will be used to work through conceptual questions and problem solving. It will be very hard to follow the class lectures and class activities if you haven’t done the prelecture preparation.

Before each class you are required to:
- Read the textbook and/or lecture notes
- Study example solutions
- Do the homework assignments

Class attendance is very important. Please be prompt, as classes will start immediately on time. If you arrive late, please quietly take a seat in the back of the room.

Reading Assignments: You are required to read the textbook and/or lecture notes and study the example solutions before each lecture. The materials are available on the website.

In-Class Activities: In order to provide the participation and interaction, the interactive learning sessions will be assigned. During these sessions, students will work in small (3-4 students) groups on assigned questions and/or problems. The in-class activities will be graded for the participation and completeness. There is NO makeup for missing class activity. The in-class activity solutions will be posted on the website.
**Homework:** The homework is due each Friday after the quiz. The homework is very important. It counts as a part of the grade, and it will be hard to do well on the tests without having done the homework. To maximize your score, you need to do all the problems well with the full solution shown. The homework is available on the website. Please print out the homework and use the given template. There is NO late homework credit. If you are not able to attend the class on Friday, please make sure to scan and email me your homework by Friday, 8 AM. The homework solutions will be posted on the website shortly after the due date.

**Quizzes:** 10 -15 minute quizzes will be assigned on Fridays at the beginning of the class. All quizzes will be based on the homework and/or the reading assignment. You may use homework solutions completed prior to each quiz. There is NO makeup for missing quiz. The quiz solutions will be posted on website.

**Midterms and Final Exam:** Two midterm closed book exams will be assigned during the quarter. You may use one side of an 8 ½” x 11” sheet of paper notes written out by hand; no solutions written, no photocopies. The final exam will be closed book and cumulative. It is scheduled for Friday, March 21th, 9:10 - 11:10 A.M. You may use notes written out by hand on both sides of an 8 ½” x 11” sheet of paper; no photocopies, no solutions written. Missed exams may be made up in the case of illness or other compelling reason only (written verification is required). Be sure to contact me by email right away. Samples of old midterm exams will be posted on the website prior to each exam.

**Class participation:** At the end of the quarter I will give points for class participation. Class participation includes:

- Active involvement in class discussions
- Active participation during problem solving
- Full class attendance

**Extra Credit:** A few popup extra credit quizzes will be given during the quarter. Also extra credit points will be awarded to students who demonstrate active participation during office hours.

**Grading Policy:** The final grade will be based on the results of two midterms, the final exam, quizzes, in-class activities, homework assignments, and class participation.

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<thead>
<tr>
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<th>Points</th>
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<tbody>
<tr>
<td>Final Exam</td>
<td>200</td>
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<tr>
<td>Midterm Exams</td>
<td>200 (2 exams @ 100 points each)</td>
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<tr>
<td>Quizzes</td>
<td>120 (~8 quizzes @ 15 points each)</td>
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<tr>
<td>Homework</td>
<td>120 (~8 assignments @ 15 points each)</td>
</tr>
<tr>
<td>In-Class Activities</td>
<td>50 (~10 activities @ 5 points each)</td>
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<tr>
<td>Class Participation</td>
<td>40</td>
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<td>+ Any Extra Credit</td>
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The grading scale is:

- A- = 90 – 91.9%,    A = 92 +%
- B- = 80 – 81.9%,    B = 82 - 87.9%,    B+ = 88 - 89.9%
- C- = 68 – 69.9%,    C = 70 - 75.9%,    C+ = 77 - 79.9%
- D- = 50 – 55.9%,    D = 56 - 62.9%,    D+ = 63 - 67.9%
- F = below 50%

There is no “curve” in this class.

**Integrity:** Cheating in any form is not tolerated and may result in a failing grade in the class.
Academic dishonesty includes but is not limited to:
- Cheating during exams - exam cheating includes unauthorized “crib sheets,”
  copying from another, looking at another student’s exam, opening books when not authorized, obtaining advance copies of exams, and having an exam re-graded after making changes.

Students are expected to be familiar with the university policy on academic integrity.

**Electronic Devices:** Please turn off cell phones before you enter the classroom and keep them off during the lecture. Cell phones, cameras, tablets, computers, and other imaging devices may not be used during exams.

**Disclaimer:** All statements in this syllabus are subject to change. Any changes will be announced to the class in advance.

**Student Access:** Cal Poly Pomona, as a learning-centered university, is committed to student success. Students with disabilities are encouraged to contact the instructor privately or to visit the Disability Resource Center (909)-869-3333, Bldg 9, Room 103 to coordinate course accommodations.