

GENERAL INFORMATION (18 Sep 06)

Web site for this course: <http://d01bln.lbl.gov/105f06-web.htm>

Backup web site: <http://d01blc.lbl.gov/105f06-web.htm>

Archival web site: <http://d01bln.lbl.gov/105-web.htm>

(The latter is left over from a Fall 2000 Physics 105 website. It is also backed up on d01blc.)

Instructors:

Prof. **Mark Strovink**. Main office: LBL 50-6034, 486-7087. Home: 486-8079 (before 10 please). Cell: 225-8227 (before 10 please). Teaching office: 431 LeConte, 642-9685. Office hours (in 431 LeConte): M 5:30-6:30, Tu 9:30-10:30. Email: strovink@lbl.gov Web: <http://d01bln.lbl.gov/> .

Mr. **Peter Battaglini**. UC GSI office: 281 LeConte, 642-5647. UC research office: ??? LeConte, 642-???? . Office hours (in 281 LeConte): Tu 2-3, W 1:30-2:30. Email: pbb@berkeley.edu .

To access 431 LeConte after 5:30 PM, begin at the undergraduate reading room on the 2nd floor of New LeConte. Exit that room, turn left and go through the (always unlocked) fire door to Old LeConte's northeast stairwell. Climb two flights and pound on the door. 431 LeConte is right across the hall.

Lectures: Tu Th 8-9:30 in 180 Tan. Lecture attendance is strongly encouraged; not all course content is found in texts or handouts.

Discussion Sections: Taught by Mr. Battaglini; Tu 1-2 or W 5-6, both in 6 Evans. Regardless of the section in which you are enrolled, you are invited to attend either or both discussion sections; do plan to attend at least one discussion section regularly. There you will learn techniques of problem solving, with particular application to the assigned exercises.

Required Text: John R. Taylor, **Classical Mechanics** (University Science Books, 2005, ISBN 1-891389-22X, \$85)

Problem Sets: A required and most important part of the course. Eleven sets are assigned, each consisting of at least several problems. An un-preannounced subset of these problems will be graded. Problem sets are due at 4 PM on Thursdays excluding exam and Thanksgiving weeks, beginning Th 7 Sep. Late papers will not be graded. To compensate for the unavailability of due date extensions, your lowest problem set score will be dropped. Please deposit problem sets in the box labeled "105 (Strovink)" in 281 LeConte. You should attempt all of the problems. Students who do not do so find it almost impossible to learn the material and to succeed on the exams. You are encouraged to discuss problems with others in the course, but you must write up your own solutions by yourself.

Exams: There will be one 3-hour final exam and two 80-minute in-class exams. The course text, course web material, and self-written notes (not a Xerox of someone else's writing) are open during all exams. Before confirming your enrollment in this course, please check that its final Exam Group 11 does not conflict with the Exam Group for any other course in which you intend to enroll. Please verify now that you will be available for both of the in-class exams, at 8 AM on Th 5 Oct and Th 16 Nov, and for the final exam at 12:30-3:30 PM on F 15 Dec. If there is a **foreseeable possibility** of a conflict that could prevent you from being physically present for **all three** exams, UCB guidelines require you to notify the instructor in writing to that effect by **Fri 8 Sep**.

Grading: 25% problem sets, 30% in-class exams, 45% final exam. Departmental rules set the *A:B:other* ratio to 7:8:5. Depending on you, none of the "other" grades need to be *D*'s or *F*'s. Passing 110B requires passing the final exam.