

Ph 106a Final Exam

Due: Thursday 13 December 2003, 4pm

- This exam is to be taken in one continuous time interval not to exceed **4 hours**, beginning when you first open the exam. (You may take one 15 minute break during the exam, which does not count as part of the 4 hours.)
- You may consult the textbook *Classical Mechanics* by Goldstein, Professor Golwala's on-line lecture notes (there is a link to the notes on the Ph 106a website), your lecture notes, and the problem sets and solutions. If you wish, you may use a calculator, computer, or integral table for doing calculations. However, this probably won't be necessary. **No other materials or persons are to be consulted.**
- There are four problems, each with multiple parts, and 200 possible points; the value of each problem is indicated. You are to work all of the problems.
- The completed exam is to be deposited in the box outside 448 Lauritsen, no later than 4:00 pm on Thursday 13 December 2007. **No late exams will be accepted.**
- Good luck!