

# PHYSICS 193H - Honors Physics I - Mechanics

Spring 2010

## General Information

- Course Description:** Classical Mechanics and Waves
- Pre-requisites:** MTH133 or MTH153H or LB119 or concurrently
- Lecturer:** Prof. Bernard Pope,  
3233 Biomedical Physical Sciences Building (BPS)  
884-5582, [pope@pa.msu.edu](mailto:pope@pa.msu.edu)
- Teaching Assistant:** Xu Lu ([luxu@msu.edu](mailto:luxu@msu.edu))
- Lectures:** 10:20 – 11:10 a.m., MTuWF, Room 1415 BPS
- Office Hours:** Mondays 1:00 – 3:00 pm or by appointment
- Textbook:** *Physics for Scientists and Engineers*,  
P. Fishbane, S. Gasiorowicz, S. Thornton, 3<sup>rd</sup> edition.
- Course Info:** Course information will be posted at:-  
<http://www.pa.msu.edu/courses/2010spring/PHY193H/>.
- Homework:** There will be a weekly homework assignment using MSU's individualized LON-CAPA system (<https://loncapa.msu.edu>). Homework will be due on Wednesdays (for the previous week's assigned material). Homework help will be available in the Charles J. Strosacker Center (1248 BPS). The TA will be in the help room during the following hours:  
Mondays 9:00 – 10:20 am ; 3:00 – 5:00 pm  
Tuesdays 9:00 – 10:20 am ; 1:00 – 4:00 pm  
There is also a discussion forum within the LON-CAPA system where students can post and answer questions.

**Reading:** Students are expected to read the chapters listed in the course schedule prior to each lecture. In-class quizzes will often require an understanding of the contents of the chapter. A re-reading of the chapter after the lecture is recommended.

**Quizzes:** There will be unannounced quizzes during lectures, using the iClicker system. Completing the in-class clicker questions can earn you up to 5% extra credit. You will get 2 points for a correct answer and 1 point for an incorrect answer. A total of 80% of the total clicker points will give you the full 5% extra credit. You cannot get more than 5% extra credit.

**Exams:** There will be three Midterm exams and one Final exam.

**Grades:** The final grades will be calculated from the homework assignments (25%), the three midterms (15% each) and the final exam (30%).

All exams are closed book. All absences from midterm exams require a written excuse from your doctor, Dean, etc. The MSU Code of Teaching Responsibilities states that any student not taking the Final Exam will not be permitted to pass the course.