

PHYSICS 193H - Honors Physics I - Mechanics

Spring 2012

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
- Lectures:** 11:30 a.m. – 12:20 p.m., MWF, 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, 3rd edition.
- Course Info:** Course information will be posted at:-
<http://www.pa.msu.edu/courses/2012spring/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). 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.