

PHYSICS 231, INTRODUCTORY PHYSICS I, SYLLABUS

<http://www.pa.msu.edu/courses/phy231/index.html>

INSTRUCTOR: Scott Pratt, prattsc@msu.edu, (517) 355-9200 x2016

Office Hr.s : T-Th, immediately after class in #4208A, Tuesday 1:00-2:30 PM in #1248 BPS

HELP ROOM HOURS: Chuan-Ren Cheng, crchen@msu.edu, #1248 BPS

Mon: 8:30-10:20 AM, 2:00-4:00 PM, Tues: 8:30 AM-1:00 PM, 3:00-6:00 PM, Wed: 8:30-10:20 AM

Room open with help available all week

CALENDAR

Wednesday, January 21, 10:00 AM	HW Set 1 is due (Chapters 1-2)
Wednesday, January 28, 10:00 AM	HW Set 2 is due (Chapter 3)
Wednesday, February 4, 10:00 AM	HW Set 3 is due (Chapter 4)
Thursday, February 5	FIRST MIDTERM
Wednesday, February 18, 10:00 AM	HW Set 4 is due (Chapter 5)
Wednesday, February 25, 10:00 AM	HW Set 5 is due (Chapter 6)
Wednesday, March 3, 10:00 AM	HW Set 6 is due (Chapter 7)
Thursday, March 4	SECOND MIDTERM
Saturday, March 20, 10:00 AM	HW Set 7 is due (Chapter 8)
Wednesday, March 24, 10:00 AM	HW Set 8 is due (Chapters 9)
Wednesday, March 31, 10:00 AM	HW Set 9 is due (Chapters 10-11)
Thursday, April 1	THIRD MIDTERM
Wednesday, April 14, 10:00 AM	HW Set 10 is due (Chapter 12)
Wednesday, April 21, 10:00 AM	HW Set 11 is due (Chapter 13)
Wednesday, April 28, 10:00 AM	HW Set 12 is due (Chapter 14)
Thursday, April 29	FOURTH MIDTERM
Tuesday, May 4, 5:45-7:45 PM	FINAL EXAM (Location TBA)

GRADING SCALE

4.0	90 - 100%
3.5	81 - 90%
3.0	72 - 81%
2.5	63 - 72%
2.0	54 - 63%
1.5	45 - 54%
1.0	36 - 45%

WEIGHTS

4 Midterms (lowest dropped)	60%
Final Exam	30%
Homework	10%

EXAMS

- Bring #2 pencil, calculator, ID (graphical calc.s are ok)
- CLOSED NOTE - CLOSED BOOK, formula sheet provided
- Midterms : 11 questions, graded on scale of 10 (over 100% possible)
- Midterms II, III and IV will include one questions from previous midterms.
- Final : 22 questions, graded on scale of 20 (over 100% possible)
- Final is cumulative. Questions will come exclusively from modified midterm questions. Here, *modified* means that if a question previously gave x and y and asked for z , the question on the final might give z and x and ask for y . When conceptual questions are modified they will cover the same concepts as questions from the midterms.
- No curving unless there is a mis-wording or mistake in the exam.

HOMEWORK

- On-line, <http://www.loncapa.org>, use Pilot ID and password
- For directions, see <http://msu.loncapa.org/res/msu/felicia/Instructions/instructions.html>
- No extensions for technical problems (e.g. "I can't log in from my parent's home")
- Graded relative to 90% of possible points (ceiling of 100%)

TEXTBOOK: Serway and Faughn, Ed. 6. Old versions are fine.