

Physics 161 Sec 201-204 Midterm Exam 1 Oct 8, 2024 Prof. B. L. Hu

Please print and sign your name in ink below:

Student Number

Student Name

I pledge on my honor that I have not received or given any unauthorized assistance on any part of this examination in its whole duration.

Signature _____

- In taking your seats please do not cluster. After the exam has started **please don't talk or look around**. Try to avoid situations which may be conjured as attempts to engage in dishonest activities during exams. **Academic integrity is taken dead seriously by the University.**
- Check that you have a complete exam: This exam contains 4 problems printed on pages 2-5, totaling 125 points (including 5 bonus points).
- **Please print and sign your name above. Do not turn this page until you are instructed to start.** If you need more space use the over pages.
- One nonprogrammable calculator and **one formula card** (either a 4"x6" index card using both sides or one side of a 8.5"x11" paper) -- strictly **no derivations**, to be **submitted with this exam**, are allowed on your desk. **Please switch off your cell phone** and place all materials directly underneath your seat, not on the floor or in the seats nearby.
- No points are given if only an answer is given, unless explicitly requested. **Show your derivations and provide detailed explanations.** If you run out of time on a problem, indicate the strategy you would have taken to approach the problem, you may get partial credits for it.

Constants: $g = 9.80 \text{ m/s}^2$

Scoring Table: DO NOT WRITE BELOW

Problem Number:						Total Score
1A	1B	2	3	4A	4B	
/15	/15	/30	/30	/15	/20	/125