



Enrollment numbers are acquired before the end of the semester and may differ from the final figure.

**Reporting Date:** 5/8/2023 2:36 PM    **Semester:** 2022/23 SP  
**Instructor ID:** yfq5054    **Instructor:** Yi Qiu  
**Term:** 2231    **Session:** 1    **Campus:** UP    **College:** SC

Course ID	Course Title	Section	Instruction Mode	Students	Responses	Response Rate
22311--21636	PHYS211- Mechanics	022L	P	46	29	63.0%

### University Items

<b>A1</b>	Are you taking this course as an elective?	Yes: 2	No: 20	I don't know: 1	N: 22	Percent Yes: 9.1%
<b>A2</b>	What grade do you expect to earn in this course?	A: 13 / 54.2%	B: 5 / 20.8%	C or lower: 6 / 25.0%		

		Lowest Rating		Average Rating			Highest Rating		N	Mode	Median	
		1	2	3	4	5	6	7				
<b>A3</b>	Rate how well this course increased your understanding of the course topics.	0/ 0%	4/14%	2/ 7%	7/24%	5/17%	3/10%	8/28%	29	7	5	
<b>A4</b>	Rate how well the instructor promoted a meaningful learning experience for you.	0/ 0%	0/ 0%	0/ 0%	4/14%	4/14%	5/18%	15/54%	28	7	7	

### University Open Ended Items

**Open 1** What aspects of this course helped you learn?

The lectures are good.

Had material related to the lecture.

He was always really helpful and came around whenever we had questions or needed help. I definitely didn't feel discouraged at any point and that was nice, considering that this was a class I didn't feel entirely comfortable with in terms of my knowledge coming in. The lab itself was ideal for me as it provided the necessary hands-on experience to enhance my learning.

The labs were somewhat useful in learning physics concepts, but overall, the labs truly have nothing to do with what's on the tests (which are weighted 65-70% of our grades).

Yi is a great TA, he knows his stuff and was usually able to explain something if I was confused.

I understand the principle of a lab - getting time to do demonstrations of physics principles learned in lecture. My overall experience was mixed. I only occasionally felt I learned something new. However, Yi Qiu was extremely helpful and friendly when we had to ask questions.

Not much honestly. The labs weren't incredibly relatable to the content and they didn't help me facilitate my learning as much as they should have.

Performed labs helped me to visualize and get a deeper understanding of what I learned.

He definitely explained certain materials thoroughly.

The recitations were helpful in teaching us the concepts.

The labs helped us get a better understanding of the subjects we learned in class. Also, Yi was always able to answer our questions and helped us through challenging problems.

The labs helped me improve my understanding of topics, specifically conceptual ones, and helped me build my teamwork skills.

Yi was very helpful in recitation and lab because he was clear in the explanations and enjoyed helping us.

The demonstrations in class to show a practical explanation instead of in a book.

His explanations for the lab or recitations were very helpful to understand the topics better.

Lab was helpful in visualizing physics principles and connecting the math to the physical movement. Yi was also super great - he answered questions patiently and was always willing to explain concepts.

Very kind and very helpful.

TAs were helpful at answering questions.

Yi was a great lab TA. He was helpful and understanding, which made lab fun and helped me learn better.

helpful in recitation

The labs often cover a "simpler" version of the subject and allow us to combine formulas and subject matter we learn with software that demonstrates how these principles work in the real world. The TA was still helpful in lab.

TA Yi was very helpful and positive during lab and recitation.

Not bad TA was helpful in answering questions

Working with partners and being able to work with the instruments hands on helped me learn more about the topics.

Yi was a great TA, answered questions well and helped me understand problems better, and also seems to understand the time constraints of lab and recitation limit how much we can get done with quality work. Did the best he could with the limited time to help us learn

**Open 2** What changes to this course could improve your learning?

Labs should not be done on the computer. They should be done on paper and any graphs should be submitted electronically. I say this because drawing all the free body diagrams or writing equations on Word took a lot of time, and labs would have been more efficient if we did them on paper like we did for recitation.

n/a

more instruction at the beginning of lab

I thought the course ran smoothly and have nothing to recommend.

he was good, no complaints

Perhaps shorten the labs a bit to allow for completion in the timeframe allotted. I found my group often came a bit short of finishing.

If the labs were weighted higher than what they are now, more students' grades would benefit as they would be able to have an incentive to work harder during labs and actively engage with TA's as it is intended to do so. Yi Qiu was a great TA, but the other TA was not so much, so help was harder to get.

Just better recitations in which questions are similar to those on the exam

none.

Ideally we would be able to use a graphing software compatible with our own computers. Repeatedly using the older computers, taking photos, and making spreadsheets seems to be a lot more work than just doing physics.

Maybe give the TAs an explanation of what the students are supposed to understand at the end of a lab/recitation, instead of just the answers.

Potentially line up the labs more with the lectures to help the learning sync up better.

Lab and recitation activities aren't very useful.

Providing answer keys for the recitations after the due date would be very helpful.

I loved having Yi as my TA and would recommend anyone to have him as well. He was helpful yet encouraging and always had a great attitude.

I think a demonstration of how to use some of the machines/instruments would have made it easier to work through the labs.

more exam examples

Having more TAs could improve learning, as there seems to be too many groups of students and not enough instructors in labs to answer questions about the topics in the lab.

Keep it the way it is

The labs weren't fun and engaging like they were in high school. Making the labs more fun and interesting would help improve learning.

Sometimes the lab equipment (PASCO in particular) just did not work as it should have, which made learning the principles really difficult because the conceptual ideas did not align with the physical actions. Having about 30 minutes at the end of lab to debrief and go over what our expected results should have been would be really helpful.