

If you listed "other resources" above, please describe what the other is, and list any comment you like.

Khan Academy, internet

3/15/2019 11:06 AM

Khan academy videos

3/14/2019 4:59 PM

Khan Academy was the only reason I didn't fail the second midterm

3/14/2019 4:58 PM

Google

3/14/2019 4:42 PM

Khan academy had some raw physics videos that helped me solve at least 2 problems I was having trouble with.

3/14/2019 4:26 PM

khan academy

3/14/2019 4:19 PM

I literally had to learn all of it by myself through research and tutors, because the class was absolutely horrendous. I could not learn anything this class even when I tried my absolute best for these 10 weeks.

3/14/2019 4:11 PM

youtube

3/14/2019 4:06 PM

LA's and study sessions

3/14/2019 3:47 PM

Kahn Academy and elevator problems online just looking at articles

3/14/2019 3:46 PM

I have paid a ton of money in physics tutoring to get me through his course this quarter. Basically what you don't teach and just want us to figure out on our own I got someone else to teach me because I do not understand physics and never taken it before so I don't know how I'm just suppose to know stuff when we aren't taught it. I am sorry but the way you do your class is very unorganized and so stressful. I'm surprised I didn't end up with an ulcer because of this class this quarter. It's like twice the work outside of class then a normal class would be because of the flipped classroom setting.

3/14/2019 3:40 PM

google

3/14/2019 2:15 PM

Study sessions, and tutoring

3/14/2019 10:52 AM

people in class, working together by Pete's office and the LA's

3/14/2019 10:29 AM

N/A

3/13/2019 11:03 PM

friends in other physics

3/13/2019 7:53 PM

I used some online resources to find information

3/13/2019 6:38 PM

online youtube videos

3/13/2019 5:15 PM

online resources, using google helps

3/13/2019 4:48 PM

## Please offer any other thoughts / requests / advice with respect to the textbook.

Textbook wasn't helpful in learning the physics we were given in Exams or MT. Too brief and couldn't learn from it.

3/15/2019 11:06 AM

I honestly thought it was very helpful in understanding the concepts.

3/14/2019 5:14 PM

If it made more sense it would be nice, but I liked how brief it was

3/14/2019 4:59 PM

It literally never made sense

3/14/2019 4:58 PM

More simple and straightforward problems

3/14/2019 4:42 PM

Textbook was primarily helpful because of extra example problems.

3/14/2019 4:26 PM

lots of sections were pure questions and sometimes i need to just be told the information instead of trying to discover it bc i would do that part at home and when i got stuck theres no teacher to ask questions to so I would just stop

3/14/2019 4:06 PM

I prefer if the textbook had more explanation and examples with solutions instead of problems for us to do.

3/14/2019 3:51 PM

It would be more beneficial to have more example problems

3/14/2019 3:47 PM

There's a lot of exercises but the videos or lectures don't correlate with them so it's almost pointless

3/14/2019 3:46 PM

The textbook did nothing for me. I know for you it may be hard to believe that for some people physics doesn't just click but if physics doesn't come intuitively for you reading about physics won't do anything. It literally goes in one ear and out the other.

3/14/2019 3:40 PM

I did not read the textbook due to a lack of time. When I read the textbook it was pretty beneficial.

Sometimes it was very short, which could be hard to grasp a concept when I didn't understand it.

3/14/2019 10:52 AM

I can't rank the textbook to the best of my abilities since i did not read much of it, not because i didn't think it was useful but because I did not put in the most effort i could have in this class. The times i read it it was very helpful though

3/14/2019 10:29 AM

The textbook was almost too simplified sometimes. However, it was a good source of examples on the type of questions we would be asked.

3/13/2019 11:03 PM

The textbook is good the way it is now. If I were to work on anything I would work on explanation of some concepts

3/13/2019 6:38 PM

# Few students came to office hours. Please explain why you did/didn't come and what this was like for you.

I actually felt like a lot of the things in this class came to me intuitively. I was able to get rid of any confusion through the videos and textbook mainly.

3/17/2019 5:47 PM

When I did come, Pete didn't help me/answer questions and I felt I had so much I needed to learn to catch up that I didn't want to burden other students.

3/15/2019 11:06 AM

Needed help

3/14/2019 5:14 PM

I honestly didn't have much time but I came a couple times and found them to be somewhat helpful. I appreciated your help with our project but I do wish you explained things more.

3/14/2019 5:14 PM

Loved office hours, would like a few more direct answers, had many helpful moments, but would've liked more direct help

3/14/2019 4:59 PM

I came to almost all of the office hours. It was usually helpful but it was frustrating when you would make me talk to other people who also had no idea what was going on. You also gave off a vibe that asking a question was a burden for you and you would often leave office hours before they were even over

3/14/2019 4:58 PM

i never had the time

3/14/2019 4:49 PM

I would forget or they were not at a good time

3/14/2019 4:42 PM

I came a lot early in the quarter and somewhat often late in the quarter, but trailed off between the two midterms. Office hours were a great place to work with fellow students and receive guidance from Pete.

3/14/2019 4:26 PM

you don't answer questions you just make us talk to other students in office hours who are clueless

3/14/2019 4:19 PM

Didn't feel like I needed to go to office hours

3/14/2019 4:15 PM

I did not feel comfortable coming in to office hours.

3/14/2019 4:11 PM

i went but when I did it was a lot of stuff i didn't need help with and my specific questions weren't answered

3/14/2019 4:06 PM

I came in a few times, but generally I felt that it was easier to struggle with my friends and work with the LAs.

3/14/2019 3:50 PM

I fell behind on the problems sets and would feel like a bad student if I came in with questions from earlier material

3/14/2019 3:47 PM

I didn't come because they conflicted with my classes. Although, I did attend the LA office hours on Sundays because I could attend those and they really helped.

3/14/2019 3:46 PM

Not to be harsh but I very rarely understood you when you taught stuff. The way you explained stuff felt scattered and all over the place and I could not keep up and understand it. In my opinion the people who intuitively get physics can learn from you but if they don't (like me) it's really hard to get through your class. Plus it got to a point where I just wanted help solving problems but you don't really do that, all you

do is throw some ideas out there and then we are suppose to put the puzzle pieces together. Even though the way this class is set up is to get you to understand physics it did the reserve for me it has become so overwhelming that all I care about is getting through the class and passing.

3/14/2019 3:40 PM

I didn't come because I feel anxious trying to talk to professors or I just didn't know what to ask

3/14/2019 3:04 PM

I came to office hours when I had questions my friends did not know the answers too.

3/14/2019 2:15 PM

I always felt like I was behind, so coming to office hours wouldn't serve me any purpose.

3/14/2019 12:16 PM

I didn't think it seemed like a good idea to come to office hours because Pete didn't seem helpful when I tried to ask questions in class.

3/14/2019 11:18 AM

I didnt come to office hours because I felt it was easier to talk to my peers or watch kahn academy videos since whenever I asked you a question you never gave an actual answer and would end up leaving me more confused than before.

3/14/2019 11:10 AM

I did come to office hours several times, however I did not come as often as I would like due to schedule conflicts.

3/14/2019 10:52 AM

Lack of time. Classes during office hours.

3/14/2019 10:52 AM

I couldn't make much of the office hours times, but that is because of my busy schedule, i think you gave a lot of options, and i ocassionally could make the friday ones, I enjoyed coming and meeting/ working with my peers by your office, i learned better consulting with others

3/14/2019 10:29 AM

I could not attend any office hours due to other class conflicts.

3/14/2019 9:20 AM

I came to office hours because I really struggled with understanding the project. Otherwise, I generally didn't come to office hours because Pete stressed talking to other students first so I just never went.

3/13/2019 11:03 PM

I came to office hours for help on the project. I understand that this learning style is centered around being confused and learning from that, but it gets to a point where its just frustrating. I understand that answers can't be given directly to me, but it's difficult to answer additional questions that attempt to further my thought process when I was already confused by the question I came in to ask about.

3/13/2019 10:15 PM

Was too lazy and was pretty sure I could understand all the concepts myself at home.

3/13/2019 7:53 PM

I came because I had some specific questions that I couldn't find an answer to online or from my friends in the class

3/13/2019 6:38 PM

I didn't come in until I realized I was struggling after midterm 2 and I went to the study session after, but I wish I had gone before

3/13/2019 5:15 PM

It was hard to fit into my schedule.

3/13/2019 4:50 PM

I didn't come because I felt like watching the videos would clarify something I didnt understand. It wasn't that bad learning by myself I just wish that in class had more to do with the material at hand rather than the surveys. I feel like if you worked out these problems in front of us (maybe using numerical values?) instead of going to get water every 5 minutes it would actually help the class.

3/13/2019 4:48 PM

## Enter any comments about the class

- Video-style lecture prevents the student from being able to interact and ask questions in the moment - Didn't feel class time was useful at all Hard to focus/retain everything from videos - Less engaged in videos as compared to learning in a classroom - Pete didn't answer questions and the rest of my classmates were equally lost, so no one could help answer each others question - Don't feel like I understand Physics by the end of this course - Would not attempt to learn in this style again. It did not work for me.

3/15/2019 11:06 AM

I think that your philosophy about physics and teaching is very impressive and I liked it in theory. However, I do wish you were more willing to answer questions instead of always making us talk to our peers. While that is very helpful and our peers are a useful tool, you are the instructor and you did kind of make it seem to discourage asking questions. At first, I was frustrated because I felt like I didn't know what you were looking for on exams, but I soon learned, which ended up being ok. With that being said, it would have been nice if you outlined your expectations more at the beginning of the quarter. Overall, I loved your enthusiasm and I really appreciated you making this a fun class. You always came prepared to demonstrate what we were learning both in class and in the videos, which definitely made it a more engaging learning environment.

3/14/2019 5:14 PM

The most frustrating part about the class was the inability to ask questions in class. Anytime a student asked questions you immediately shut them down or made them talk to the people around them. This does not encourage learning, it discourages student participation. You get upset when it seems like we aren't participating, but it is literally because nobody has any idea what is going on.

3/14/2019 4:58 PM

It was an interesting class since it was backwards teaching method, but I do think another type of online problem sets would work well in the class for either outside the class or during class and they should be graded for points. The project just made me feel more stressed and I don't think it helped me understand physics any better.

3/14/2019 4:42 PM

I loved having Pete as an instructor and I love the way he taught. At the end of the day, however, physics is not my preferred subject. It just doesn't inspire the same passion in me as some other subjects do, making it a little harder to do physics homework.

3/14/2019 4:26 PM

This class is great for very FEW individuals. The style of teaching just confused me more in general and it felt as if everything just kept piling up.

3/14/2019 4:11 PM

I appreciate all the time and effort you put into making this class fit many different peoples levels and you made it fun :-)

3/14/2019 4:06 PM

It would be helpful if there were solutions to the problems we did in class

3/14/2019 3:51 PM

When I take 122 it won't be the same without you, Pete :/

3/14/2019 3:50 PM

I enjoy physics, during the last week you were a little frustrated that we didn't understand the problems we were doing in class but I feel like we didn't have enough videos or practice with them before

3/14/2019 3:47 PM

This class is fun and if you bring a pen and a notebook and write down all the crazy examples, it makes a lot of sense. Making friends with the people around you in the most helpful thing.

3/14/2019 3:46 PM

One way I think you could make this class better is just working the homework out "ALL THE WAY" on the board. Like if a homework assignment is 10 problems work like 5 or 6 of those homework problems out on the board that week. Like maybe have everyone come in and be like ok start working on problem 1 and 2 give them like ten minutes to try and do it and then work it out on the board. The way you brought up homework problems was in my opinion the worst way you could do it basically you would

just put it up on the projector and make a few comments about and no one would even understand what was going on. For me to like this class better I would have needed more problems worked out all the way on the board. Since you didn't do that I paid for a tutor who could do that for me. I would probably be failing this course do to the lack of teaching and guidance if I had not gotten a tutor early on.

3/14/2019 3:40 PM

I really enjoyed this class but wish lecture was a little more structured when first introducing a new concept because sometimes I did not get a full understanding from the videos alone and felt unable to solve the problems brought up in class.

3/14/2019 2:15 PM

I think Pete was meant to teach higher level classes of physics. He never gave any real answers to the class and when students asked questions he tended to ignore them and continue lecturing. It is extremely hard to know what he wants when answering questions because he seems to change what criteria he is looking at when grading each time you turn a paper in. I think that the worst thing about his teaching by far was when he would write out an entire problem on the board and then say that it was actually all wrong. This was so extremely confusing and I know it frustrated the rest of the class as well.

3/14/2019 11:10 AM

The flipped classroom was very hard for me. I deal with some bad focus issues, which made watching videos nearly impossible. With that being said, I know many benefited greatly from the videos, but for me they did not help. Due to not being able to grasp much information from video lessons, I struggled to participate and learn from class. If I had more time to thoroughly watch video lessons and read the book, my quarter would have been much more successful. I see the value in your teaching method, but it just didn't work well for me personally. I do enjoy the way you grade exams, it gives me confidence in my overall physics understanding. I also enjoy the fact that you push things such as environmental concerns outside of the classroom on us, it is much needed. Thanks for a good term, Pete. Student Name Deleted

3/14/2019 10:52 AM

Really fun class and I learned a lot from the concept-lense approach. I appreciated all the videos and in-class examples you gave us, in general I appreciate all the effort you put in to make sure we understood concepts and physics, you gave us all the necessary resources we needed to learn. It was up to us if we were going to use them fully to do well in class. Thanks Pete

3/14/2019 10:29 AM

Thank you for wanting us to learn and do well. I never felt tricked, cheated, or like a disappointment in Pete's class. I quality guy and quality instructor.

3/13/2019 11:03 PM

I think it was a good move putting rotational after linear. It has by far been the most confusing topic for me because of the visualization it requires. I can't imagine having to learn about that in a week or so before the final.

3/13/2019 10:15 PM

Great teacher, great class, really enjoyed it and was entertained

3/13/2019 6:38 PM

Pete, you're a really good guy and I enjoyed your personality. With this formality out of the way I feel like you could improve your class time by working out these problems with the students with numerical values. A lot of class time was wasted bullshitting about stuff while you went to get water. Though this was supposed to be a discussion about the material most took it as time to not focus on it. If you powered through the problems instead of giving the class all this free time it would probably help them learn

3/13/2019 4:48 PM