

*Hi Everybody. Please find below your unedited feedback in black. My response to some of your statements is in purple italics. My experience is that this time (end of week 2) is the low point for many students in the adjustment process. This is when the confusion (the feeling of learning) is at a maximum. Still having trouble getting the right lens? Of course you are! We just covered the first 6 weeks of standard physics concepts in two weeks. We will continue to refine lens use as we do more examples adding rotations and complexity. My experience is that students relax and become more confident in the next two weeks.*

*Several students are getting tutors. I think it is more effective to work problems in groups... ideally near my office so if you run into difficulty you can ask me. If you're going to get a tutor, it would be best if they are familiar with our class. If you ask me, I can find a past student to help you.*

*Thanks for your comments, below  
Pete*

First 2 weeks of class were different than expected but I enjoy it.

It is going pretty well. Need to spend more time understanding videos and solving the problem sets.

It took a while to get used to, but I enjoy the group work together in class.

I think it has been going very fast, but it helps with a little bit of physics background. It's an interesting way to view physics and I feel like I'm thinking more about how things work every day.

I am stressed that I will have trouble in this class because a lot of the times what my brain imagines isn't the same thing that physics shows.

I am enjoying class demonstrations but the "confusing" at first portion of it is getting tough.

Pete, I have so much work already. 2 tests and a midterm this week. 2 projects. To sum it up, stressed and mildly depressed.... Peace sign

I love this class. I look forward to it every day. I value what you say and your instruction style is one I could use more of but I feel it may be made more for a semester system. I love it anyways. Thank you.

I feel overloaded with work but I really like the flip-classroom learning style of this class! I love the videos.

Reading always makes sense to me. Class is hard to follow, feel a little bit behind. Don't really know what I don't know so I don't know what questions to ask.

The first two weeks have been a struggle for me mostly due to the fact that I've been very sick. I'm working on catching up though.

I like the class. I just feel what I would define as an acceptable amount of confusion. I hope to spend some time figuring things out this weekend and I really appreciate that there are so many resources and I know where to look to find the information I feel like I'm lacking.

This class seems challenging. It's hard getting used to a flip class. There are concepts that I feel I don't understand. I don't quite so I want to get through this class even if I do bad.

I feel like I need more work on explanations and justifying which lens to use and answers while I'm doing problems so I can check my progress while I work.

I am enjoying this class but the different way that it is taught has been a struggle.

I feel like I'm getting the hang of the class set up and I'm liking it a lot. The assessments are trickier than the work we do in class so I'm ?????? for when they count.

I am struggling to get my physics mind set back. But I feel like once I start remembering formulas, it will help me figure out what I need to do to solve problems.

I'm not opposed to the style but I'm finding it difficult to learn from only my peers and the videos. I'm going to keep trying to understand.

I feel like I am understanding more than I thought I would be at this point, but it's fast paced so I feel like if I get confused I miss new information.

*Yes, this can happen. I think that there is an illusion in regular structured classrooms that we actually "cover" all the material and there is an illusion of completeness where in fact students don't grasp everything. My goal is for us to have important "experiences" in class. The understanding may not be complete... it never is. At the same time, we continue to build. You will notice in the coming weeks that we revisit these concepts in new scenarios and thereby strengthen the basics. Well... at least that's the plan as well as what I have seen. You'll have to tell me in 8 more weeks how correct I am about this.*

It is interesting and I like the class, but feel like we have a hard time covering enough in class. Class explanation of video is helpful.

I'm feeling a little screwed for this class. The videos, while sometimes helpful, go by too fast and information accumulates too quickly. There's a lot I feel like I missed and still don't understand from week 1 (and 2). I also wish this class was a little more respectful of our time outside of class because there is so much work to do each night/before Monday.

I really enjoy this class!! Physics is still scary, but this curriculum makes each lesson feel like a digestible bite size. This feels productively challenging. The jump between the two assessments was awesome!!! Thank you for displaying passionate dedication to our learning.

The things I understand I really understand, which is very exciting.  
The few things I don't understand are really frustrating but I'm working to figure them out.  
I'm really liking the learning style.

I'm a bit overwhelmed with the amount of videos/readings per night.  
I'm nervous about future assessments because I really need that C- 😊  
I enjoy this class when I understand what's happening (honestly rare moment).

So far, I have greatly enjoyed and appreciated this class. The pedagogical framework of the course promotes a more comprehensive understanding of the material. Integrating different perspectives through the lenses has been helpful.

Honestly, I feel like I have no idea what is going on, and I'm scared for the assessments. I'm not sure what I should do to catch up, because if I went to office hours, I don't even know what questions I'd ask.

*I strongly encourage you to work problems with others. Just work and talk about the examples. Come to office hours. You don't have to ask anything, I'll do the asking and we'll work problems together. Ideally, you will come with other students. ... and get started as soon as possible. Hang in there!*

I feel like I had a really good grasp on the 1<sup>st</sup> week's material after doing PS#1, but I feel not confident at all about this 2<sup>nd</sup> week material; I have a hard time with graphing 7 vectors/scalars. I'm worried I'm going to fall behind soon.

*There's a lot of graphing ahead with the project. Explain as much as you can as we go along.*

Hey Pete,  
So far enjoying physics. Wish I had more time out of class to learn the material better.

Lots of time spent doing work outside class  
Not understanding everything

Too much work. This + all my other homework is impossible.

It's good. I don't like the group answers b/c if the majority answer is yes and I feel the opposite I won't speak up.

*Wow, that's such a real-life experience in my opinion. What do you do when you are a minority voice? It's scary! When do you have the courage to speak up... the courage to speak up and know you might be wrong! Making that choice of whether we speak up or not - that is something to practice... I think. I hope the risks in this class are low. I mean, busting forth and making a mistake - that's such a beautiful learning experience. I hope you try it.*

This class is going OK. I don't love the videos, but I like getting exposure to the material every day.

I think that the lenses are still very confusing and I still get lost in class discussions.

I am feeling very overwhelmed with this class and feel like I'm behind. I facetime my sister to help me but still am not grasping important concepts.

*I think it's super great that you can call your sister to talk about school. That's powerful relationship. It may be difficult for someone who has a conventional physics education to help, but let me know how it goes.*

The first two weeks have been alright. I am just struggling to keep up with the amount of work outside of class.

I feel like the class is going well for me. I was a bit confused with all the different concepts, but I feel like I'm starting to get adjusted to it.

I think the class is informative and you are doing a good job at making physics interesting.

I'm struggling honestly, but also trying my best, so I'm not sure how this quarter is going to go. I have a tutor.

*My advice is to work problems with others in the class and ideally do it near my office so I can help if you need it. If you want to have a tutor, I can introduce you to someone who has been in the class before. Otherwise, maybe you could bring your tutor to my office if talking with me would help.*

Going good. I've done well so far but am nervous about things picking up.

Because we have class every day and so many videos/prep before class, it is extremely difficult to absorb information – we move very fast between concepts.

I really like your class! I am having fun and the only thing I need to change is establishing a better understanding of the videos. Possibly with tutors.

Going well! I really benefit from the videos and also have learned a lot from my classmates during discussions.

The class is going OK for me. Some of the videos are hard to follow because the examples aren't clearly written out, step by step.

This class is going very badly so far. I am paying attention everyday and doing all the videos but I am still very lost – probably going to get a tutor.

It's exciting learning a completely new subject. I still am scared I'm not learning enough OK the best terms.

Because I am an arch major, my studio course is very demanding. trying to focus on physics, but will try to be updated over this weekend!

Going good!

Need to put more time in, the videos take a whiiiiiiile. Love it though!

I'm in 19 units and still happy as a person. Life is good.

I'm a little behind on the material only because it's a new way of thinking for me. But with time It'll hopefully get better.

I don't understand how to differentiate a lens and I haven't been taught any formulas.

Going well, I do wish there was a bit more connection with all the videos we watch, sometimes they feel disconnected with what we do in class but I like the class set up 😊

Really enjoying this class. Definitely helped to have high school physics under by belt or I would be lost.

Honestly kinda struggling but I'll work this weekend to figure things out.

Class has been going well but today was completely confusing to me, which makes me feel super discouraged, but I'm going to rewatch our past videos.

Things are going great. I love the energy you bring to the classroom.

Unexpectedly Good.