

Hi everybody.

Thanks for the feedback today after our first two full weeks of class. I will write in purple, and your statements are in black.

Your report is the most positive I've recorded after 2 weeks – compare with past classes if you like. This is usually the time that students are starting to make the change of accepting the new learning model, and students generally report things going smoother as the quarter progresses. Moreover, you recognize yourselves in this process of adjusting more clearly than any class I've had in the past.

It is a lot of work to balance watching the videos, reading, and homework. There is not much time left over to study what you have learned. I do however feel that I have learned a lot from using the conceptual viewpoint and working with others on homework and problems is where I learn best.

I'm learning a lot more in physics. I feel like I'm @ an advantage since I have knowledge in physics. Your class definitely makes me have a better understanding of physics & its concepts.

So far this physics class has been different than other physics classes. I feel the material in this class is harder to understand than it would be in other classes. Although manageable it is more work to understand and remember concepts in this class compared to other classes.

So far I notice that I have a greater understand of physics, but it takes much more time this way. I feel it's worth it since physics is very important to engineers. I also notice the way things are graded is much harder. – But again, it yields a better understanding. The only problem is that there will be students that can solve almost all the problems but will still receive a “C”.

I have never witnessed the above happening in the 3 years of this teaching method. By the time the final comes around, all the students who were able to work a problem correctly knew how they were doing it and were able to articulate it.

My experience in this class is mixed. I'm still getting used to this teaching style but I can't say I hate it yet. Note sure if it's a good fit for me yet.

This is different, I would prefer more lectures but it's alright.

This class is really interesting. All lessons and readings are done at home which I love.

Phys 141

I wish more classes/majors/theories/+very well research + traversed topics of study were taught like this class is conducted.

Feedback:

I am enjoying the class so far. I need to dedicate more time to studying, though. The videos are good, I can easily rewind if I get confused.

I have a somewhat significant issue with how many videos you assign each day and how long they take to watch while we do almost nothing in class. I wish it was run somewhat different, but oh well. I get flipped learning, but doesn't need to be this flipped.

I'm struggling a lot in this class because of the conceptual focus. I can appreciate the reasoning behind this method of teaching, but am also learning that this is not really the way which I learn best. I have been putting in 8+ hours a week of studying and feel like I'm improving w/ this teaching method but only marginally. Good opportunity to learn it doesn't really work for me!

I have grown to enjoy the structure of the class. I've previously not done well in physics because I don't know which equations to use so I like this approach more. My only criticism thus far is that to me videos are a little too long and confusing (Excel + Grasshopper).

Overall, I think I am really learning physics, even if this method is more difficult at times.

This is going Great! I just need to visit more office hours.

This class is Cool!

PHYS 141 Evaluation

Interesting class setup. I enjoy having the time in class to work together. I like that the video questions don't count toward grade.

Sometimes I feel like class time is wasted.

Phys 141

I'm kind of confused on the grading because you always tell us it's about how well we can explain. However, on your videos it's been a lot of formulas and solving.

PHYS 141

There is a lot of work to do outside of the classroom, but I enjoy the social aspect of the class.

Pretty good

This class is going great, and the videos are really helpful

-May just be me, but I don't understand the lenses fully because have to pick a lens for each problem. I feel like some parts of the problem use multiple lenses, and sometimes I know how to do the problems and I understand the concept, but I just can't pick which lens that problem is.

Totally... Sometimes there are several lenses involved or any one of several lenses will work. Sometimes it's just math and/or scaling.

Explanation/Answers to questions given during video.

This class has been different and somewhat challenging learning all concepts at first and I wish there was a lot more in class discussion. Although it happens now, I think times such as the roller coaster experiment are helpful, since we elaborated a lot more.

The discussion, questions always HELP a lot. I'm very happy about the class. Especially your parallel pedagogy, and not teaching the concepts separately. It makes it feel a lot more practical while doing the problems. One thing I hope is that you'll clarify & not leave us hanging sometimes (because I know you want us to think.) But THANK you Dr. Pete!
I enjoy learning physics so much more because of your teaching style.

I feel like after PS#1 grades and Big Exam #1 grading I'm more comfortable with how to display my knowledge.

I'm starting to get more comfortable with this style of teaching, but it can still be confusing at times.

This class has been interesting over the last two weeks. Having taken physics in high school, learning the concepts first and then to apply each one has been extremely helpful in actually understanding physics. The only confusion has come in when we add calculations into the problems. I think it would be beneficial to spend more time in class going through the problem set and working because we are already doing all the learning on our own, it would be nice to do the flip side, the homework in class so we can ask questions and work with people. Right now, it doesn't feel like we are using the time in class as well as we could be.

I really love learning physics with the videos b/c whenever I am confused about a topic, I can just rewatch previous videos and go over what I was confused about. I like the teaching method.

I enjoy your style Pete. Very nice guy who is knowledgeable and makes physics interesting and fun. Room is extremely hot though.

I'm currently drowning in school work

The teaching method is new to me. For example, we have to identify lens before start the question. I am now pretty cool about the lens identification but still not 100% sure how to write out the reason of using a certain lens.

As of now, I feel the class is fine the way it is. The only downside of the class is the time: one hour honestly, is not that effective to teach the material. Even though it's also taught outside of class through videos, they are harder to follow than being taught in a classroom (probably just me). Physics is a difficult subject for me but I feel that the class is fine the way it is. I just need to get used to being in this kind of environment.

I don't really like the idea of having to identify a lens and explain what I am doing because it takes time and makes it harder to finish test, but I understand how it can be beneficial.

Feedback

I feel like for the “flipped” classroom to work we need to be doing homework in class, otherwise it just seems like we do everything at home and coming to class may not be necessary.