

COURSE SUMMARY

DEPARTMENT: PHYS

TERM: Winter 2018

RESPONSES: 26 OUT OF 41 - 63.41%

INSTRUCTOR: Schwartz, Peter

COURSE: PHYS-141 10 General Physics IA

QUESTIONNAIRE: PHYS168ALL

QUESTION GROUP STATISTICS

INDICATOR	AVERAGE	MEDIAN	S.DEV
Summary Evaluation Average (2.1 & 2.2)	4.27	5	0.99

SUMMARY EVALUATION

NUM	QUESTION	AVERAGE	MEDIAN	S.DEV	RESPONSES					
					N =	(5)	(4)	(3)	(2)	(1)
2.1)	Overall, this instructor was educationally effective.	4.31	5	0.97	26	14	8	3	0	1
2.2)	Overall, this course was educationally effective.	4.23	4.5	1.03	26	13	9	2	1	1

COMMENTS

1.1) Write any comments below that might help your instructor evaluate his/her teaching performance. What did you particularly like? What improvements could you suggest?

- Make the videos worth more credit so people must watch also shorten number of question on tests so completion can be done on them.
- I really liked the design of this course. I loved the flipped classroom and "lens" approach. It is clear that Pete cares about the subjects and about his students. I would recommend this instructor highly to anyone who wants something more than a purely easy class. I did think that the midterms were a bit of a time crunch, but besides that I liked how the grading system was designed.
- Teacher knows his subjects really well and encourages students to think critically about problems. I learned from him that the most important part to work a problem is to first analyze and make a plan. The rest is just math. Not much of a fan of online learning because it is not as engaging and students might not want to be doing the "learning" at home as daily assignments. The benefits from the flipped class learning method was that it did help me think critically in class with my peers.
- The class was interesting, but many times students would be afraid to ask questions in fear of feeling fear of being put down.
- I enjoyed learning with the different lenses and the visual demonstrations done in class, however I feel that the presentation of the course material could be articulated.
- I like how energetic he is about teaching physics. However, it is difficult to get used to the flipped classroom and having to basically teach all of the concepts to yourself.
- Pete was a very good instructor. At first, I thought I wasn't going to like his flipped class set up, but I ended up really enjoying it. The social aspect of his class was very helpful and pushed me to do better in the class. Additionally, his teaching style was easy to follow along and made me actually learn the material (rather than just memorizing formulas and equations).
- Overall, I really enjoyed this class. Physics used to be a class that I dreaded going to, but Schwartz made this class extremely fun to learn different concepts. I really liked the learning environment that we were in as well as the flipped classroom. Some improvements I would suggest are the textbook and problem sets, they were at times complicated and difficult to understand. Clear examples for different sections would help with understanding the material better.
- Pete Schwartz has a unique and new teaching method that I loved. More professors should use his method as a model for their courses.
- I liked that Schwartz taught in a different manner than other conventional teachers. The style was different and the approach to learning was different than what I was used to and I appreciate the effort he put into doing his job correctly. Personally, the style did not work for me and my grade suffered because of it but I still think that the class was helpful and I'm glad that I had the chance to try out the flipped-classroom style of teaching.

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- I liked the demonstrations done during the lectures.
- Liked the flipped dynamic of the class, watch lectures at home and work out problems/demonstrations in class. Being able to talk about the subject with your peers helped a lot.
- I think Pete did a great job of trying to comfort students and really decrease our stress levels, especially with a typically stressful class like physics, so I would say keep up the good work and stay mindful of the students!
- I like his attitude, which makes him really easy to approach, and how he conducts his class in the flipped format. He's fun, quirky, and overall a great guy. If I had to change anything, I'd say more "big exams" and graded in-class practice.
- love the flipped classroom and LOVED the focus on theory and not just math problems
- Honestly, If I didn't take physics in high school I would fail this class. I understand how the concept of a flipped classroom is effective but why would I spend several hours on an introductory physics course when most students are taking 15+ units alongside this course. I would never want to be in this type of classroom again. The whole concept of "being graded on your ability to communicate your understanding" can be frustrating when you put down the correct answer but didn't "explain it well enough." Overall I would not take this type of teaching style again. I hope you reevaluate your concept of teaching when it comes down to the reality of students and their lives.
- He really wants his students to learn and puts a lot of effort into his teaching. I liked his teaching style and the emphasis on the four lenses, it helps me understand physics.
- I liked the flipped classroom approach, and how the course material primarily focused on the conceptual understanding of the material rather than knowledge of equations. I found it quite similar to how I was taught AP Physics in high school, and I thoroughly enjoyed both courses. Schwartz was probably my favorite professor this quarter, and I wish he was able to teach my next general physics class.
- Although I was initially hesitant about the flipped classroom style and the way this class was taught, I actually learned a lot and enjoyed the way the material was presented. I liked the videos and the fact that you can go back and look at the material if there was anything you did not understand. At the start of the quarter, I really tried to do every problem set but soon realized that it was difficult to do. I would have liked if we did more of the problem set in class, or if the problem sets were shorter. Over the weekend I always had too much homework from other classes to have time to complete the entire problem set. Since this class is flipped classroom style, I felt like it was a lot more work outside of the classroom and watching the videos and doing the problem sets at times was stressful. I liked how the class was very discussion-based. I made a group of friends in this class and it was nice to meet up with them to study. Sometimes in class, I got frustrated and wished that Pete would just tell us the answer because with all the discussion the correct answer to the problem sometimes got confusing. Like the lens approach to physics problems, I feel like this way of viewing physics problems really makes me think about the concepts of the problem. However, at times I felt like the organization of the material presented was confusing. Sometimes we watched videos that had nothing to do with what we did in class. I wish we had done more review of the videos and had more structure at times. Pete's enthusiasm and passion for physics really made the class enjoyable and interesting. Many times in class he expanded my knowledge about the world around me and made me feel excited about the material. He is really a great guy :)
- Dr. Schwartz has changed the way I learn physics. A subject I struggled with in high school has become one that I am intuitively able to understand. And that is due to Pete's flipped pedagogy approach. I like the fact that I have the liberty to pursue physics problems conceptually, than by textbook cookie cutter methods that require to memorize formulas. Pete is also very much involved in making sure his students are doing well outside of his class and talks with us. The only improvements that I could suggest is maybe work through more problems in class before giving the students the similar problems to do independently.
- One of the best professors I have had. Pete's teaching style is different but very effective if you buy into it!
- Pete was great overall, probably the only way I would ever pass physics 141
- Pete uses a flipped classroom technique that is different from what I've ever experienced before. I was open to experience the new learning style and it helped me learn quickly about the new process. Homework is important, but not graded so it's sometimes hard to get myself to do them, if you could find a way to motivate students to keep doing the homework that would be beneficial. I think the grading style and teaching style are good and I can really tell Pete is there to help you learn physics the best way he thinks you can.