

**COURSE SUMMARY**

**DEPARTMENT: PHYS**

**TERM: Winter 2018**

**RESPONSES: 9 OUT OF 17 - 52.94%**

**INSTRUCTOR: Schwartz, Peter**

**COURSE: PSC-320 01 Energy, Society and Environment**

**QUESTIONNAIRE: PHYS168ALL**

**QUESTION GROUP STATISTICS**

INDICATOR	AVERAGE	MEDIAN	S.DEV
Summary Evaluation Average (2.1 & 2.2)	4	4.5	1.33

**SUMMARY EVALUATION**

NUM	QUESTION	AVERAGE	MEDIAN	S.DEV	RESPONSES					
					N =	(5)	(4)	(3)	(2)	(1)
2.1)	Overall, this instructor was educationally effective.	3.89	4	1.36	9	4	2	2	0	1
2.2)	Overall, this course was educationally effective.	4.11	5	1.36	9	5	2	1	0	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?

- This was not an ordinary class structure, but I actually really enjoyed the flipped tactic. However, I do not think using really old videos originally designed for upper division physics students was an effective method. Updating the videos seems very necessary in the near future. I also felt that some of our class periods seemed very unproductive on days when Pete did not have ideas on what we should talk about. Lastly, the project needs more structured guidelines. I support having students come up with some of the structure of the class, but at times the instructor needs to do some of the heavy lifting.

- Love the this class!  
I just wish there were more classes like this on my curriculum flow chart.  
A lot of very informative information in the class that I really enjoyed.

- I learned a LOT from the class, and will recommend it to my friends. I liked learning from the videos because I could stop/replay them as opposed to lecture. The videos were very information-rich and engaging. The only major problem was when they would say outdated things and those things would be different from what we learned in lecture, because then it was hard to keep things straight. Make sure they are up to date! I really liked our field trips/speakers and would like to see even more for future sections of this class (a couple of first few labs could definitely be replaced with speakers because I didn't learn that much from those. Although I do have a science background and most students didn't, so they probably learned more). Sometimes I thought class time wasn't used very efficiently and that there wasn't a great plan for that day's class. I think a change that could be made would be to make more time for answering student's questions on the videos. I really liked how we opened by asking what we were talking about - it was helpful to remind me what was going on in the class for that day and a good time to raise questions/concerns. A little less emphasis on the project is needed in the first half of the quarter - considering its only a short presentation, it doesn't make much sense to really get going on it too far in advance. Students will do it the last week they can anyway. I really liked how you sought feedback from the class on a daily basis (ie yes/no questions) and throughout the quarter by soliciting our comments AND how you actually made changes based on the suggestions! I thought we have good resources going into exams too (looking at old exams was really helpful) Great class - learning from professors like you who are passionate about what they are teaching is the most educationally effective class in my opinion.

- I appreciated the amount of information and accessibility of the videos. I also thought that the topics covered were very connected to everyone's lives and fun to learn about. The professor seemed very passionate about the subjects and had a profound knowledge of the material. I also enjoyed having the videos before class and a discussion about them during class instead of a classic lecture style. However, I would suggest having one day a week dedicated as a lecture day to cover the essential materials due to the bulk amount of information.

- Terrible Professor. Needs to be fired.

- It shows I am supposed to fill out two evaluations for this class. I am guessing one is for the lab and one is for lecture. I'm not sure which evaluation is for which but I am going to write this about the lab portion. I loved all the field trips we went on and I think they were a valuable part of learning. It was really cool to see what different energy technologies Cal Poly utilizes. I think this was one of the most valuable parts of the class because I learned a lot about technologies I had never even heard of!

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- n/a

- Pete is so passionate, personable, knowledgable, and intelligent. However, this flipped classroom is not effective if there is not a structured discussion in class. I feel like there was so much potential for this class but so much of it was lost by tangents in class. If you teach this class again there HAS to be more structure, and also please never have class 2-5 on fridays for a GE. Thank you for all the helpful information, i did learn a good amount from this class.