PHYS 0220-01 GENERAL PHYSICS WITH CALCULUS I SPRING 2016 JOSEPH BARRANCO

Completed evaluations: 123

Overall Score

<table>
<thead>
<tr>
<th>Question</th>
<th>Responses</th>
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<td>The instructor defined the course objectives, learning activities, requirements and grading policies clearly in the syllabus.</td>
<td>N=120&lt;br&gt;Avg.=1.57&lt;br&gt;MD=1.00&lt;br&gt;DEV.=0.91</td>
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<td>The course was organized in a way that helped my learning.</td>
<td>N=120&lt;br&gt;Avg.=2.10&lt;br&gt;MD=2.00&lt;br&gt;DEV.=1.18</td>
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<td>The instructor created experiences that stimulated my learning.</td>
<td>N=120&lt;br&gt;Avg.=1.98&lt;br&gt;MD=2.00&lt;br&gt;DEV.=1.13</td>
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<td>The instructor provided helpful and timely feedback on my performance and progress throughout the semester.</td>
<td>N=120&lt;br&gt;Avg.=2.45&lt;br&gt;MD=2.00&lt;br&gt;DEV.=1.21</td>
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<td>The instructor was open to a variety of points of view.</td>
<td>N=120&lt;br&gt;Avg.=1.98&lt;br&gt;MD=2.00&lt;br&gt;DEV.=1.01</td>
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For item 1.6, please rate the overall effectiveness of your instructor on a scale ranging from the most positive response (highly effective) to the least positive response (ineffective). When I consider
the contribution to my learning, this instructor's teaching was:

**Physics and Astronomy**

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<td>Please comment on your experiences in this course.</td>
<td>1. test where overwhelming, good lectures</td>
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<td>2. The course was very difficult and required a lot of self learning throughout the semester because of the fact that lectures focused only on simple concept problems and the homework being highly complicated.</td>
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<td>3. I have taken physics before and the professors I have had in the past were much more able to captivate my interest and understanding with the material. Professor Barranco's examples were messy, and hard to read, as well as his hand written notes from which he taught the class.</td>
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<td>4. HW has a decent amount of difficulty, but the tests/exams are 2 to 3 times as hard as the HW making it really difficult to get a decent grade.</td>
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<td>5. Great teacher, each class was taught with enthusiasm, and with a goal in mind. Lost of examples, plenty of instructors available for help during office hours, great class.</td>
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<td>7. Instructor's test are too long for the time limit allowed. Always run out of time and never complete them. 3 to 4 questions with 3 parts to each question is too long for 50 minutes. Test review is good but isn't similar to what the test actually ends up being. Tells you to study the review closely and then the test isn't even like it. Instructor gives out different test with different questions during the test period and I don't think that is fair. Each student should get the same questions with the same given information. One test will have certain info given for the question and one test will make you find different info for that same question. Maybe I would have known the answer to the other test but didn't get the answer on the test given. It's like the luck of the draw on which test you get from him.</td>
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<td></td>
<td>8. Great professor, extremely difficult midterms.</td>
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<td>9. The lectures were alright, though I did not understand the process of going through the physics problems. The tests were much harder than the homework.</td>
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|                                                                          | 10. The reasons I strongly disagree with Professor Barranco's style of teaching and helping us learn is mainly the tests. I know that sounds like an unworthy reason to rate a professor but his tests were entirely too hard to complete and he did not teach us the necessary information to solve the problems he suggested. For the second midterm, there was about ten questions that we had to complete in total for the test. Ten questions doesn't seem like a lot but these were full work questions meaning that we had to show all of our work. Also the questions were written in ways that made it hard to understand and basically confuse me while
working on the problem. I may have been actually been able to complete the test if I had about five hours but fifty minutes was definitely not enough time to complete multiple questions that made me do all the work for it. On top of that, the examples he gives in class were nothing like the methodology required for the tests. So how am I barley passing this class? Well he curves everything. I should have gotten a C- on the first test but I got a B instead. The class average was 56% though and although this was curved up to a C- grade, it seems like a bad excuse for getting a good grade. When the average student should be getting an F in the class, something seems wrong with the teacher's abilities to give us a test that we have the ability to finish and do. I have lost sleep over this class and it does not seem fair to me to make me worry about each test and hope for an F because then maybe I will get a C in his class. I suggest Professor Barranco add less problems to his test or make them significantly easier so that a person who doesn't have a PhD in Physics can actually complete it in a fifty minute class period. Otherwise, most of his students will be pulling their hair out just trying to do his test and that is not fair to us the student population!

11. Good experience
12. N/a
13. The in class lectures and examples were easy to comprehend but the homework was a bit more difficult. The homework required more thought and several hours out of a day to get through. The first midterm was simple but the second midterm was a complete bomb. The questions were relevant to what we have learned but they were unlike anything that I had seen in the class at that point. I did not feel prepared for the midterm. Let's hope the final changes.
14. I wish the professor used numerical examples in his lecture rather than just conceptual variables.
15. The teacher has a strong ability to illustrate every topic, but I wonder if he could give our midterms back on time
16. Brilliant man but this course moved at warp speed. Everything was unnecessarily difficult like what. the. fuck.
17. PHYS 0220 is hard, but I think it was made ever harder because while he does know what he is talking about, I think he is really bad at explaining the concepts.
18. Sometimes boring but still helpful because there were some topics I wouldn't be able to learn on my own as effectively.
19. The instructor was a nice person and cared for the students but I would have like for him to go into more math examples rather than spending a lot of time on theory. But overall really good instructor.
20. I feel more problems with actual values should have been discussed during class so we could understand the concepts more clearly due to the fact that there is too many variables to wrap ones head around.
21. Professor Barranco is a very good instructor.
22. This class was hard. Easy from the start. Got confusing later. His explanations
and problems were easy to understand. But when you did the homework, it was confusing and didn’t really make sense with the problems done in class.

23. The material is very difficult but he was able to teach it greatly

24. Wish there was more student interaction or support materials provided. Did not return exams fast and did not explain topics thoroughly with examples. Would skip important details to understand the topics to maximum capacity.

25. He gave good lectures and provided examples that helped my understanding.

26. Professor Barranco was always clear with his lectures and his teaching methods were effective. He included many examples. The only issue was that all the homework was online, and that was ineffective. The online homework problems were much harder than the ones that we went over in class and they didn’t help with my understanding of the material.

27. Great lecturer

28. Fun class.

29. Great at his office hours. But somehow we are all still doing terrible on the tests :/

30. I felt that the instructor did his best in explaining the lesson very specifically and slowly despite how much material we needed to learn.

31. An effective and helpful lecturer

32. Very detailed in his lectures

33. This is my second time taking this course with this instructor. I think the way he changed the course was much more manageable, seeing how most of the class did very poorly last semester.

34. Wow. Great experience

35. This course I feel should be made into a class with class sizes that make it more personal for students and the professor.

36. The professor knew what he was talking about and was very engaged with the students. I liked the energy he has when teaching the class and tries to make the class enjoyable instead of having it dull and boring. Very good professor.

37. Sometimes the practice tests looked completely different from the real test which doesn’t aid in studying.

38. Exams were nothing like the homework and often harder than the homework. Not enough time for the problems given in exams.

39. The course is tough; I’m not surprised. It would help if he would give better example that are not so general by using actual numbers and also problems that relate to the homework. ALSO PLEASE CHOOSE A DIFFERENT TEXTBOOK! THIS ONE WE ARE USING NOW IS NOT HELPFUL AT ALL!!!!!!!!!

40. A bit crowded, but that is expected.

41. Over all I have had a pretty good experience with this course. My only problems with it are the number of people in the class makes it very difficult to get tests back in a timely manner so its almost impossible to relook at the mistakes you made before we have completely moved on to new material.

42. Joe was very good at explaining all the theories in the course and had the
students interact in the classroom
43. He was a good professor, and he taught well. But we ended up not keeping to
    schedule and the exams were okay but a bit confusing.
44. It’s a good class with a good teacher. You can definitely learn something in there.
45. Excellent in proving different equations, to demonstrate how they are derived.
46. Very interesting course. Learned a lot about Physics and how our world is
    bounded by natural laws. Very useful material to know for physics and
    engineering majors.
47. Barranco is a great professor who is very intelligent and has great energy.
    Sometimes he talk fast, but he takes a lot of time to explain difficult topics (which
    isn’t bad). I like how he used every minute of class but starting to explain how to
    derive an equation with only minutes left is not a good way to make sure the
    students understand the equation.
48. The instructor makes the course interesting, but it is a difficult course. There was
    a lot of material covered in this course and it was extremely difficult to grasp all
    the concepts. The exams were extremely difficult because of added questions
    that had concepts not gone over in class.
49. Hard class, never really understood it
50. Physics is hard but I felt i learned alot!
51. Very clear and easy to understand Prof. Barranco.
52. Barranco is a phenomenal professor for a big lecture. He engages the class and
    has a perfect level of energy. I will highly recommend his class to other students.
53. This is a very challenging course and lots of time must be devoted out of class to
    understand material.
54. I had to retake this class after failing last semester, still don’t feel like I learned
    much although I do have more of an understanding on the subject the second
    time around.
55. hard class and heavy works, but you will learn
56. I thoroughly enjoyed Professor Barranco’s teaching method and passion for
    teaching but I felt a lot of time was wasted over ineffective guest lecturers. Our
    class was set back by such a long amount of time that I found it difficult to stay
    on track.
57. This course should be less workload and focus on experiments
58. I did not like how the tests are structured. If I am working on a question and have
    yet to figure out the answers before the teacher says to move on to the next
    question then I usually can never get any real answers because of the pressure
    and the time limit. maybe there should be a way where we can get more time
    somehow.
59. Very knowledgeable professor who tries to make sure the students understand
    the concepts.
60. My experience on this course was something very different from everything I’ve
    ever done in school. This class was one of the hardest ones I’ve done and it was
the most challenging. This taught me my weaknesses and what I need to work on the most.

61. Very difficult course, the homework can be overwhelming on top of the very difficult midterms.

62. The class should have fewer number of students.

63. This is a great teacher who knows what he’s talking about! But he did graduate from Berkeley so that is expected!

64. My god, I don't get anything this guy teach in the class, test hard super hard and most people are failing

65. Although he is engaging and helpful, he doesn't fully specify what is on exams and whether or not they'll be similar to the practice exams given. With class, I feel like more time should be spent on how to do problems and other examples.

66. hard class

67. great professor, very clear and detailed. He was very helpful throughout the semester. 5 stars, would recommend.

68. Barranco is a great professor that explains the topics very well but the test are extremely hard.