

**Columbia University: Arts & Sciences**  
**A&S Fall 2018 Laboratory Evaluation**





**Course:** PHYSUN1291\_019\_2018\_3-GENERALPHYSICSILAB: PHYSUN1291\_019\_2018\_3 - GENERAL PHYSICS I LAB  
**Instructor:** Giuseppina Cambareri  
**TA:** Barbara Cruvinel Santiago \*  
**Response Rate:** 11/13 (84.62%)

**15 - What are the strengths and weaknesses of Barbara Cruvinel Santiago (discussion section leader, lab section leader, grader) as an instructor, and how might Barbara Cruvinel Santiago's teaching be improved?**

**Response Rate** 6/13 (46.15%)

- Barbara was very motivating. She made me want to show up to class and put in my best effort in order to improve as a student. Barbara was also very kind and was especially helpful when meeting with her outside of lab for extra help in the lab library. I really enjoyed having Barbara as a TA.
- Barbara was an incredible TA! I know the whole class felt really lucky to have her. This class could easily have been a stressful, boring, and difficult three hours but she really created the most fun and laid back atmosphere that I think would be possible in a class like this. Her explanations of concepts were really clear and helpful when presenting material, and when giving feedback on reports her comments were clear and grading was fair. Barbara was extremely patient and she was always willing to help you with a problem or explain something to you as long or as many times as was necessary for everyone to do well. While physics is not a subject I enjoy or am particularly good at, Barbara was so encouraging to everyone each week and made sure that everyone was successful in the class which was really motivating.
- Barbara was hands-down the best TA I could have ever asked for. She was always willing to clarify any points of confusion, provide any help when needed, and check up on us to make sure that we were okay at any given point. She always updated us each week on how we should prepare for the lab in order to work the most efficiently and get the most of our time there. She made Physics Lab a fun experience rather than the stressful, long class that it had the potential to be. I truly hope that I have her again next semester.
- Barbara was very clear in her lectures, responsive to email, set clear expectations, and was very helpful at explaining concepts and offering help. She was truly excellent.
- Barbara was an excellent TA in all regards for this lab class. She emailed the students weekly with tips and explanations for the upcoming labs, explained things at the beginning of class very well, was always responsive to emails asking for help, graded fairly and in a timely, well-explained matter, was respectful and encouraging to every student, and did all of this in a kind and enjoyable manner. I could not have asked for a better or more professional TA.
- Barbara was a wonderful TA. Very good at explaining the content and providing enough help to understand what was actually happening. Cannot express my gratitude for her enough -- she was a wonderful TA!

**16 - What is your overall assessment of the effectiveness of Barbara Cruvinel Santiago?**

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Excellent	(5)	9	81.82%		
Very Good	(4)	1	9.09%		
Good	(3)	1	9.09%		
Fair	(2)	0	0.00%		
Poor	(1)	0	0.00%		
				0 25 50 100	Question
<b>Response Rate</b>				<b>Mean</b>	<b>STD</b>
11/13 (84.62%)				4.73	0.65
					<b>Median</b>
					5.00