

Clemson University

202401 Spring 2024 Evaluations

Course: 202401-PHYS-4650-001-11177-Oberheide-PY
Instructor: Jens Oberheide *
Response Rate: 7/14 (50.00 %)

1 - The learning outcomes in the course were clearly communicated.

Response Option	Weight	Frequency	Percent	Percent Responses	Means													
(1) Strongly Disagree	(1)	0	0.00%		4.57	4.38	4.38	4.20										
(2) Disagree	(2)	0	0.00%															
(3) Neutral/No Opinion	(3)	1	14.29%	█														
(4) Agree	(4)	1	14.29%	█														
(5) Strongly Agree	(5)	5	71.43%	██████														
					0	25	50	100	Question	University			College			Department		
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median			
7/14 (50.00%)	4.57	0.79	5.00	71381	4.38	0.86	5.00	14517	4.38	0.85	5.00	2597	4.20	0.91	4.00			

2 - The course assignments were related to the course learning outcomes.

Response Option	Weight	Frequency	Percent	Percent Responses	Means													
(1) Strongly Disagree	(1)	0	0.00%		4.57	4.47	4.45	4.23										
(2) Disagree	(2)	1	14.29%	█														
(3) Neutral/No Opinion	(3)	0	0.00%															
(4) Agree	(4)	0	0.00%															
(5) Strongly Agree	(5)	6	85.71%	██████														
					0	25	50	100	Question	University			College			Department		
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median			
7/14 (50.00%)	4.57	1.13	5.00	71257	4.47	0.80	5.00	14496	4.45	0.80	5.00	2598	4.23	0.90	4.00			

3 - I understood what was expected of me in this course.

Response Option	Weight	Frequency	Percent	Percent Responses	Means													
(1) Strongly Disagree	(1)	0	0.00%		4.43	4.37	4.39	4.24										
(2) Disagree	(2)	1	14.29%	█														
(3) Neutral/No Opinion	(3)	0	0.00%															
(4) Agree	(4)	1	14.29%	█														
(5) Strongly Agree	(5)	5	71.43%	██████														
					0	25	50	100	Question	University			College			Department		
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median			
7/14 (50.00%)	4.43	1.13	5.00	71202	4.37	0.89	5.00	14478	4.39	0.85	5.00	2591	4.24	0.89	4.00			

4 - The instructor clearly explained concepts, methods, and subject matter.

Response Option	Weight	Frequency	Percent	Percent Responses	Means													
(1) Strongly Disagree	(1)	0	0.00%		4.71	4.28	4.21	3.99										
(2) Disagree	(2)	0	0.00%															
(3) Neutral/No Opinion	(3)	0	0.00%															
(4) Agree	(4)	2	28.57%	██														
(5) Strongly Agree	(5)	5	71.43%	██████														
					0	25	50	100	Question	University			College			Department		
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median			
7/14 (50.00%)	4.71	0.49	5.00	71276	4.28	0.98	5.00	14506	4.21	1.01	5.00	2599	3.99	1.07	4.00			

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5 - The instructor encouraged questioning and discussion of course topics from the students.

Response Option	Weight	Frequency	Percent	Percent Responses	Means															
(1) Strongly Disagree	(1)	0	0.00%		5.00	4.40	4.29	4.07	Question			University			College			Department		
(2) Disagree	(2)	0	0.00%																	
(3) Neutral/No Opinion	(3)	0	0.00%																	
(4) Agree	(4)	0	0.00%																	
(5) Strongly Agree	(5)	7	100.00%																	
					0	25	50	100	Mean	STD	Median	Department	Mean	STD	Median					
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
7/14 (50.00%)	5.00	0.00	5.00	71236	4.40	0.88	5.00	14496	4.29	0.93	5.00	2599	4.07	1.03	4.00					

6 - The feedback on my performance on assignments and tests supported my learning.

Response Option	Weight	Frequency	Percent	Percent Responses	Means															
(1) Strongly Disagree	(1)	0	0.00%		4.86	4.16	4.08	3.91	Question			University			College			Department		
(2) Disagree	(2)	0	0.00%																	
(3) Neutral/No Opinion	(3)	0	0.00%																	
(4) Agree	(4)	1	14.29%																	
(5) Strongly Agree	(5)	6	85.71%																	
					0	25	50	100	Mean	STD	Median	Department	Mean	STD	Median					
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
7/14 (50.00%)	4.86	0.38	5.00	71220	4.16	1.04	4.00	14483	4.08	1.06	4.00	2594	3.91	1.11	4.00					

7 - The course challenged me to think critically and communicate clearly about the subject.

Response Option	Weight	Frequency	Percent	Percent Responses	Means															
(1) Strongly Disagree	(1)	0	0.00%		5.00	4.37	4.37	4.24	Question			University			College			Department		
(2) Disagree	(2)	0	0.00%																	
(3) Neutral/No Opinion	(3)	0	0.00%																	
(4) Agree	(4)	0	0.00%																	
(5) Strongly Agree	(5)	7	100.00%																	
					0	25	50	100	Mean	STD	Median	Department	Mean	STD	Median					
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
7/14 (50.00%)	5.00	0.00	5.00	71120	4.37	0.85	5.00	14451	4.37	0.85	5.00	2588	4.24	0.89	4.00					

8 - Approximately how many hours did you spend in a typical 7-day week on learning activities outside of class time for this course (studying, reading, writing, doing homework or lab or studio work, analyzing data, rehearsing, or other academic activities)?

Response Option	Weight	Frequency	Percent	Percent Responses	Means															
(1) < 2 Hours/Week	(1)	0	0.00%		3.43	2.21	2.44	2.32	Question			University			College			Department		
(2) 3-6 Hours/Week	(2)	0	0.00%																	
(3) 7-11 Hours/Week	(3)	5	71.43%																	
(4) 12-17 Hours/Week	(4)	1	14.29%																	
(5) >18 Hours/Week	(5)	1	14.29%																	
					0	25	50	100	Mean	STD	Median	Department	Mean	STD	Median					
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
7/14 (50.00%)	3.43	0.79	3.00	71309	2.21	0.96	2.00	14500	2.44	0.97	2.00	2595	2.32	0.98	2.00					

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9 - Please indicate your satisfaction with the availability of the instructor outside the classroom by choosing one response from the scale. In selecting your rating, consider the instructor's availability via established office hours, appointments, and other opportunities for face-to-face or virtual interactions.

Response Option	Weight	Frequency	Percent	Percent Responses	Means										
(1) Very Dissatisfied	(1)	0	0.00%			4.86	4.28	4.23	4.02						
(2) Dissatisfied	(2)	0	0.00%												
(3) Neutral/No Opinion	(3)	0	0.00%												
(4) Satisfied	(4)	1	14.29%	■											
(5) Very Satisfied	(5)	6	85.71%	■											
					0	25	50	100	Question	University	College	Department			
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median
7/14 (50.00%)	4.86	0.38	5.00	71138	4.28	0.87	4.00	14466	4.23	0.87	4.00	2594	4.02	0.92	4.00

10 - If you responded with a score of 3 or below for one of the previous items in course design, instructional practices, assessment practices, course impacts, or student engagement, please describe a change that you believe would improve that aspect of the course.

Response Rate	3/14 (21.43%)
<ul style="list-style-type: none"> The exams were related to the subject material that was covered in the homeworks, but in certain cases I feel like we were expected to use methods of approach we hadn't fully been taught yet. Much of the course drew from E&M, which is a course I (along with many of my fellow classmates) have not taken yet, which may have been the source of this issue. NA I rated everything 4 or above however stating the chapters associated for all lectures would have been beneficial. From memory I would say for about ~75% of the lectures the chapter number would be written on the board before class started and if we switched topics mid lecture the new chapter would usually be stated as well. The change I could suggest would be to have a document on canvas or within the syllabus that has specific page numbers/chapter numbers associated with each lecture. 	

11 - If you responded with a score of 4 or 5 for one of the previous items in course design, instructional practices, assessment practices, course impacts, or student engagement, please comment on what aspect of the course led to your score.

Response Rate	6/14 (42.86%)
<ul style="list-style-type: none"> The teacher was always available when necessary, and clearly cared about his students and whether or not they passed the course. Efforts were made to make sure that the students passed, so that they could focus more on understanding the material instead of trying to worry about a letter grade. The teacher was clearly very knowledgeable regarding the course material, which was especially noticeable when questions were asked. Dr. Oberheide is an excellent lecturer. I understand (for the most part) the material presented in class, and I'm never hesitant to ask questions. I think the open door policy for office hours is a great way to encourage students to ask questions and get help when needed. The midterm exam was challenging, but fair. The homeworks are definitely a lot of work, but they effectively reinforce the content taught in class. I would not understand the material to the extent I think I do without the homeworks. Overall, this course is well structured and taught effectively. Dr. Oberheide is a great lecturer and I always feel like I leave class understanding the material. Some of the homeworks were hard, but I didn't think they were unfairly so, and I felt that the homework was always relevant to what we did in class. There was a lot of unfamiliar math in this class, but that wasn't Dr. Oberheide's fault, and I think he did a good job of bridging those gaps in math that some of us had. I really liked his policy of having a class note taker for each lecture-- when I did it, I felt like it really helped me with that unit, and having them posted was very useful for studying. He also did a good job of explaining why the topics were relevant, either for research, grad school, or engineering. Overall I enjoyed his class and I wish all professors were like that. Dr. Oberheide is the model of an excellent physics professor. The setup of the course from the homework to the notes was perfectly structured and clearly relayed what was expected of students. The homework was thorough yet evenly paced. I never felt like I bit off more than I could chew, but I was never searching for outside material in order to study for exams (especially because the content was always corroborated by the textbook.) During lecture Dr. Oberheide reviewed the previous lecture and explained how it related to that days teaching material. What I liked most about his teaching style though, was that he always had examples of relevant applications for the material. I never questioned the applicability of the course. Dr. Oberheide is organized, well-prepared, and thorough. I learned the most from this course in the physics department, and I believe his teaching style and course structure should be implemented in more classes. Thanks Dr. Oberheide! The class's topic itself is difficult, but Dr. Oberheide was willing to stop during class to clarify any confusion the students had. I think content-wise, jumping around topics was a little difficult for me when trying to organize my notes and compare it to the textbook. I also wish there was more time between homework. Great professor for a difficult class though! Overall I thought Dr. Oberheide did a great job teaching the course given the difficulty of the subject matter. The homework assignments were designed to make us think critically about the concepts we were working with and served as a good metric for what to expect on exams. I did not see the benefit of the class notes assignment at the beginning of the semester but after doing them I found it beneficial to my understanding of the material and it was also nice to see how my classmates interpreted the lectures. 	

Mean of Means Calculations	Mean	University	College	Department
Overall Average	4.75	4.34	4.30	4.11