

Clemson University
202408 Fall 2024 Evaluations

Course: 202408-PHYS-2450-001-80555-Oberheide
Instructor: Jens Oberheide *
Response Rate: 49/130 (37.69 %)

1 - The learning outcomes in the course were clearly communicated.																
Response Option		Weight	Frequency	Percent	Percent Responses				Means							
(1) Strongly Disagree		(1)	1	2.04%					4.37 4.38 4.35 4.31							
(2) Disagree		(2)	1	2.04%												
(3) Neutral/No Opinion		(3)	2	4.08%												
(4) Agree		(4)	20	40.82%	■											
(5) Strongly Agree		(5)	25	51.02%	■											
					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	
49/130 (37.69%)	4.37	0.83	5.00	87631	4.38	0.87	5.00	19384	4.35	0.88	5.00	2590	4.31	0.86	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)	1	2.04%					4.45 4.46 4.41 4.33							
(2) Disagree		(2)	0	0.00%												
(3) Neutral/No Opinion		(3)	3	6.12%	■											
(4) Agree		(4)	17	34.69%	■											
(5) Strongly Agree		(5)	28	57.14%	■											
					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	
49/130 (37.69%)	4.45	0.79	5.00	87539	4.46	0.79	5.00	19374	4.41	0.84	5.00	2591	4.33	0.87	5.00	

3 - I understood what was expected of me in this course.																
Response Option		Weight	Frequency	Percent	Percent Responses				Means							
(1) Strongly Disagree		(1)	1	2.04%					4.29 4.37 4.36 4.32							
(2) Disagree		(2)	1	2.04%												
(3) Neutral/No Opinion		(3)	5	10.20%	■											
(4) Agree		(4)	18	36.73%	■											
(5) Strongly Agree		(5)	24	48.98%	■											
					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	
49/130 (37.69%)	4.29	0.89	4.00	87471	4.37	0.89	5.00	19340	4.36	0.89	5.00	2584	4.32	0.86	4.00	

4 - The instructor clearly explained concepts, methods, and subject matter.																
Response Option		Weight	Frequency	Percent	Percent Responses				Means							
(1) Strongly Disagree		(1)	2	4.17%					4.08 4.26 4.14 4.10							
(2) Disagree		(2)	2	4.17%												
(3) Neutral/No Opinion		(3)	8	16.67%	■											
(4) Agree		(4)	14	29.17%	■											
(5) Strongly Agree		(5)	22	45.83%	■											
					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	
48/130 (36.92%)	4.08	1.09	4.00	87555	4.26	0.99	5.00	19364	4.14	1.07	4.00	2589	4.10	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)	1	2.04%		4.31	4.39	4.24	4.14	Question			University			College			Department		
(2) Disagree	(2)	2	4.08%						Mean	STD	Median	Department	Mean	STD	Median					
(3) Neutral/No Opinion	(3)	3	6.12%						4.24	0.97	5.00	2592	4.14	1.02	4.00					
(4) Agree	(4)	18	36.73%																	
(5) Strongly Agree	(5)	25	51.02%																	
				0 25 50 100																
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
49/130 (37.69%)	4.31	0.92	5.00	87503	4.39	0.88	5.00	19353	4.24	0.97	5.00	2592	4.14	1.02	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)	1	2.04%		4.12	4.14	4.02	3.97	Question			University			College			Department		
(2) Disagree	(2)	0	0.00%						Mean	STD	Median	Department	Mean	STD	Median					
(3) Neutral/No Opinion	(3)	9	18.37%						4.02	1.09	4.00	2590	3.97	1.09	4.00					
(4) Agree	(4)	21	42.86%																	
(5) Strongly Agree	(5)	18	36.73%																	
				0 25 50 100																
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
49/130 (37.69%)	4.12	0.86	4.00	87454	4.14	1.04	4.00	19345	4.02	1.09	4.00	2590	3.97	1.09	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)	1	2.04%		4.43	4.36	4.32	4.28	Question			University			College			Department		
(2) Disagree	(2)	0	0.00%						Mean	STD	Median	Department	Mean	STD	Median					
(3) Neutral/No Opinion	(3)	2	4.08%						4.32	0.87	5.00	2587	4.28	0.88	4.00					
(4) Agree	(4)	20	40.82%																	
(5) Strongly Agree	(5)	26	53.06%																	
				0 25 50 100																
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
49/130 (37.69%)	4.43	0.76	5.00	87392	4.36	0.86	5.00	19324	4.32	0.87	5.00	2587	4.28	0.88	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)	17	34.69%		1.98	2.18	2.42	2.40	Question			University			College			Department		
(2) 3-6 Hours/Week	(2)	20	40.82%						Mean	STD	Median	Department	Mean	STD	Median					
(3) 7-11 Hours/Week	(3)	10	20.41%						2.42	0.99	2.00	2592	2.40	1.01	2.00					
(4) 12-17 Hours/Week	(4)	0	0.00%																	
(5) >18 Hours/Week	(5)	2	4.08%																	
				0 25 50 100																
Response Rate	Mean	STD	Median	University	Mean	STD	Median	College	Mean	STD	Median	Department	Mean	STD	Median					
49/130 (37.69%)	1.98	0.97	2.00	87598	2.18	0.98	2.00	19380	2.42	0.99	2.00	2592	2.40	1.01	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)	1	2.04%			4.00	4.26	4.19	4.09						
(2) Dissatisfied	(2)	1	2.04%												
(3) Neutral/No Opinion	(3)	12	24.49%	■											
(4) Satisfied	(4)	18	36.73%	■											
(5) Very Satisfied	(5)	17	34.69%	■											
					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
49/130 (37.69%)	4.00	0.94	4.00	87341	4.26	0.88	4.00	19338	4.19	0.90	4.00	2584	4.09	0.91	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
20/130 (15.38%)
<ul style="list-style-type: none"> • The flipped classroom reversed set up just does not work for the material of this course. It was hard to engage in class and this set up led to lots of frustration. • He was a good teacher • Instructor is very rude and doesn't feel the need to communicate when trying to ask a question very rude toned! • I mean it was just a requirement I needed so I didn't take it that deep • N/A • There was not a ton of discussion in the class. I would also say that the professors accent made it more difficult to understand. • The homeworks were a little too challenging because they didn't relate to the tests. • I think it would've been more helpful to my grade to have another exam before the final exam, especially with the material that comes later on in the semester with this class. Although the signature assignment helped, I feel that it would be more beneficial to have two tests and then a final just so that it is clear what students should take away from this class. • NA • I probably spend around 4-5 hours a week working on the assignments and studying outside of class. Considering this is not a required course for me and it is not a subject I would normally take, this was more than enough for me to fully understand the material and stay on top of everything. • It was a little difficult to understand what he was trying to communicate to us and he rarely replied to emails. • N/A • I don't think the course needs any changes. • The TA was usually the only one ever available and not Dr. Oberheide • I believe the class needs to be more interactive and presentations need to be more engaging because sometimes the presentations drag on too long • There were times when I emailed the professor and didn't hear back. • The class was way too big for a lecture heavy class. Hard to pay attention. • The instructor was a little hard to understand at some points and made things unclear at times. • I did not have any experience with attending office hours for Dr. Oberheide. One point of contention I have is that it would have been nice to receive a little more feedback on some of the written homework responses, as well as the signature assignment. • n/a

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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	32/130 (24.62%)
<ul style="list-style-type: none"> • There was constant ways to improve your score and learn from previous responses. The passion for the subject was always there and powerpoints had so much factual dating backing up the lecture. • Professor Oberheide does a great job correlating the material to the homework and exams. He communicated the expectations very well. • The course was setup really nice and I was able to understand the information and not be confused by the information. I really enjoyed the course and the instructor made it really interesting. • I really appreciate that this course exists. Climate change is a very serious issue and the professor taught us many important concepts that I'd never heard anywhere else. He took time after every class to answer some questions that some of the students had about the material. • The course is awesome for anyone who may be interested in physics or for someone who just needs the requirement. Professor Oberheide understands that this is not everyones forte and he plans his class accordingly. • He had us do work before the lecture in order to prepare us and then gave the lecture on exactly that, with all the content of the unit laid out on canvas • Yeah I mean it was fine I understood what was happening • N/A • I thought he did a great job • The instructor was very knowledgeable of the material and was well with helping us learn the material. • I met with this professor, and it was helpful, and it was great to connect with him because he clearly cared about the course. • This class was very organized. I knew exactly what I needed to do at the start of each week. • Dr. Oberheide was very helpful. He made sure we all knew what was expected of us for the class and was always there to answer any questions. • NA • Dr. Oberheide is very helpful and makes sure to reach out so his students know he is available if they need help. He also outlines the full course and all the assignments and due dates at the beginning of the semester. This allowed me to have a full understanding of what what expect in the course and when to expect it. He also stuck to this schedule day after day aside from the cancellations due to hurricane Helene. • N/A • I liked his quizzes before and after class periods because they forced me to come to class prepared and apply what I learned during the lecture. • The course was very easy to understand while still presenting a challenge and learning opportunities • I thought all aspects of this course were pretty good. The workload wasn't too taxing, the material was interesting, and the professor presented content in a fun and engaging manner. • Questioning was highly encouraged and facilitated by Slido and I found it very engaging and thought provoking. • Great teacher and interesting content. • Great class to take • The course had many assignments that helped with learning the material and were essential to my success in the course. The material in class was very informative and helped with the homework assignments. • The concepts were explained well and the course outcomes were clearly communicated • I wasn't particularly interested in Climate Change, but he's a very good teacher, there's a lot of outside work which was challenging for me because I'm not a great student. Appreciated leniency, especially since it's my first semester at Clemson and I've struggled to get used to everything. • Dr. Oberheide is very knowledgeable about the subject • Material was pretty complicated but the professor broke down the concepts and equations very well and explained them thoroughly. • One of the best professors I have ever had! He really cares about his students and taught important concepts that everyone should know more about. • I think he did a good job at being available when needed • Overall, Dr. Oberheide had a very engaging lecture style and kept things interesting by injecting his personal opinions/experience into the course content. I really like all the varied topics covered in this course, and felt the homework and knowledge checks prepared me very well for the midterm exams. • n/a • Professor Oberheide was wonderful! He was willing to work with you always! Additionally, he was easily accessible outside the classroom. He made sure to provide interesting, but also informative lectures. He is great at making sure the expectations and assignments are clear. I really enjoyed having him as a professor. He was very understanding and passionate! Professor Oberheide wants his students to succeed and is very helpful in that process! 	

Mean of Means Calculations	Mean	University	College	Department
Overall Average	4.26	4.33	4.25	4.19