Clarkson University
Spring 2025

Course / Section: PH132-03   Instructor: Roulston,Benjamin Richard

		SECTION *Relative Frequency* Strongly Disagree ↔ Strongly Agree							UNIVERSITY *Relative Frequency* Strongly Disagree ↔ Strongly Agree						
Total Enrolled: 78		1	2	3	4	5	NA	Mean	1	2	3	4	5	NA	Mean
Number / Percent Responding: 22 / 28.21%															
1. The instructor communicates clearly and understandably.		0.0	0.0	0.0	0.3	0.7	0.0	4.7	0.0	0.0	0.1	0.3	0.5	0.0	4.3
2. The instructor is prepared for class.		0.0	0.0	0.0	0.2	0.8	0.0	4.8	0.0	0.0	0.1	0.3	0.6	0.0	4.5
3. The instructor is reasonably available outside of class.		0.0	0.0	0.0	0.1	0.8	0.0	4.8	0.0	0.0	0.1	0.3	0.5	0.0	4.3
4. The instructor makes students feel free to ask questions.		0.0	0.0	0.0	0.1	0.9	0.0	4.8	0.0	0.0	0.1	0.3	0.6	0.0	4.5
5. The instructor is concerned about the student.		0.0	0.0	0.1	0.1	0.8	0.0	4.6	0.0	0.0	0.1	0.3	0.5	0.0	4.3
6. The instructor encourages class participation.		0.0	0.0	0.0	0.2	0.8	0.0	4.8	0.0	0.0	0.1	0.3	0.6	0.0	4.4
7. The instructor provides constructive feedback on graded material.		0.0	0.0	0.2	0.1	0.7	0.0	4.5	0.0	0.1	0.1	0.3	0.5	0.0	4.1
8. The instructor returns graded material promptly.		0.0	0.0	0.0	0.2	0.7	0.0	4.7	0.0	0.0	0.1	0.3	0.5	0.0	4.2
9. The grading criteria were clearly explained and followed.		0.0	0.0	0.0	0.1	0.8	0.0	4.8	0.0	0.0	0.1	0.3	0.5	0.0	4.3
10. The course covered the announced objectives.		0.0	0.0	0.0	0.0	0.9	0.0	4.9	0.0	0.0	0.1	0.3	0.6	0.0	4.5
11. The text and course materials were useful learning aids.		0.0	0.0	0.2	0.2	0.5	0.0	4.4	0.0	0.0	0.1	0.3	0.5	0.0	4.3
12. The assignments and homework were useful learning aids.		0.1	0.0	0.1	0.2	0.6	0.0	4.2	0.0	0.0	0.1	0.3	0.5	0.0	4.3
13. The examination questions or paper topic related to the course material.		0.0	0.0	0.0	0.2	0.7	0.0	4.8	0.0	0.0	0.1	0.3	0.5	0.1	4.5
14. The level of this course was intellectually challenging.		0.0	0.0	0.0	0.2	0.8	0.0	4.8	0.0	0.0	0.1	0.4	0.5	0.0	4.3
15. Optional Question 1		0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
16. Optional Question 2		0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
17. Optional Question 3		0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0
18. Optional Question 4		0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0

	V.Poor	Poor	Satis.	Good	Excel.	Mean		V.Poor	Poor	Satis.	Good	Excel	Mean
19. Overall, how would you rate this instructor?	0.0	0.0	0.0	0.2	0.7	4.8		0.0	0.0	0.1	0.2	0.6	4.3
20. Overall, how would you rate this course?	0.0	0.0	0.1	0.4	0.4	4.1		0.0	0.0	0.1	0.3	0.4	4.1

ENGR

Comments

a) the course

- Course is adjusted to help were students struggle
- Everything was fine but I do not like how the homeworks had stuff that was hard for no reason then to be hard didnt feel like I was learning because it was never used again just felt like suffering sometimes
- Only thing in the course that genuinely was helpful was exam review everything else was unironically infuriating I never once found the HW useful in any form for some reason it covers things that are far beyond the scope of the exams and annoyingly difficult not to mention the software The Labs are Labs they're fine I guess Not a soul reads the text let's be honest The videos are okay at best sometimes they're helpful other times not a thing makes sense Usually when things don't make sense it's because nothing is explained Your just watching them solve a problem for 10 minutes with barely any why to what they're doing
- Physics is a difficult course and formatted a well albeit a little difficult to cram the material at times of no fault of Roulston
- Still don't like the concept of doing questions in class rather than going over the topics
- The course is structured very well The pacing is good and the conceptstopics we learn flow smoothly into one another Also the review class before the test is very nice to have
- The course is very put together with the pre-class class lab and homework that make us learn the material in different ways
- The grade percentage breakdown leans heavily towards the side of the students which is very nice This allows for mistakes to happen on tests or homeworks but still success in the class as long as you keep up with the labs daily IR videos and PCQs There is a lot of work to constantly be doing but it makes it easier to get a high class grade if you keep up with the work
- This course helped lay the foundation for future courses to come
- great
- hard course
- is difficult

b) the instructor's teaching

- All of the tools are good and the methods and verbal steps in class are very detailed clear and understandable
- Dr Roulston is an excellent professor teaching seems to come naturally He is always available for questions and finds a way to make the physics understandable to the class His explanations are concise and he clearly has a profound understanding of the material I hope that his strengths allow him to teach more in depth courses within his expertise and expand the interest in astrophysics and cosmology here at clarkson It was a pleasure having him
- Good for what the course is
- I enjoyed how the course was taught The instructor was very nice and helpful
- Instructor clearly knows what hes talking about He can answer any questions thrown his way and he encourages questions to be asked and answered He can be a bit stern when it comes time for exams but it is necessary for students to understand how important it is to study and practice for exams

- Inverted classroom makes it hard to ask specific questions outside of class
- Roulston is the GOAT he is super good at teaching and I like him a lot
- Very effective teaching strategy Consistent use of reinforcing principles and example problems in class enforce a strong understanding of the curriculum as well as aiding in developing a good sense of how to approach problems
- easy to understand is very clear about what he is saying cares about the kids learning
- great
- great instructor Like him a lot more

What improvements would you suggest?

- Bring back notesheets on exams with some method of reviewing them next time
- Extra practice questions prior to class andor practice exams would be very helpful
- Honestly get rid of the videos 10 minutes at the start of each class is spent recapping them anyways And the videos are usually the same thing we do in class it's just example problems When it comes to what we actually do in class I don't mind the idea of letting us solve the problems on our own but it could be a bit better Maybe instead of giving people 15 minutes to sit there and solve a problem maybe break it into chunks so the people that have 0 clue don't just sit there and wait for the entire time Instead you can go over part a and maybe from there they can figure the rest out as we go Maybe also giving people and idea of what they should do and not how they should do it could help especially when introducing a topic
- I wish the lectures were longer I know it is implausible but the sheer amount of material in such a small length of time can be overwhelming
- Make the homework questions more like the Problems in class not unnecessarily hard but still challenging
- NA excellent job
- No suggestions keep up the great work
- None
- Put less information in the pre-class videos and shorten them to only include the most important information The longer they are the more likely it is students will skip them
- The course changed slightly towards the end of the year and students can no longer create cheat sheets for exams but a set formula sheet will be handed out during exams I am against this change and I think the system was fine before The instructors complained that people were just copying over practice problems from their sheet onto the exam and the practice problems would be completely wrong I think if a student can't understand the practice problems they tried to use then why not just grade the exam fairly deduct the points from the answer and process leading up the answer for being wrong
- i don't have any
- none