



Fall 2020 - Matthew Barry ENGR 0135 - STATICS & MECHC OF MATERIALS 1 - 1020 - Lecture

Project Title: **2211 - Teaching Survey Fall 2020**

Courses Audience: **69**
Responses Received: **63**
Response Rate: **91.30%**

Subject Details	
Name	ENGR 0135 - STATICS & MECHC OF MATERIALS 1 - 1020 - Lecture
DEPARTMENT_CD	ENGR
CAMPUS_CD	PIT
SCHOOL_CD	ENGR
CLASS_NBR	13012
SECTION_NUMBER	1020
TERM_NUMBER	2211
COURSE_TYPE	Lecture
CLASS_ATTRIBUTE	CHRT
First Name	Matthew
Last Name	Barry
RANK_DESCR	Assistant Professor
TENURE	NT

Report Comments

Included in this report:

- Responses to numerical questions
- Responses to instructor added questions (if applicable)
- Student comments
- Questions about remote teaching and learning

Interpreting OMET Teaching Survey Reports

A guide to interpreting OMET teaching survey results can be found here - <https://teaching.pitt.edu/omet/survey-results/>.

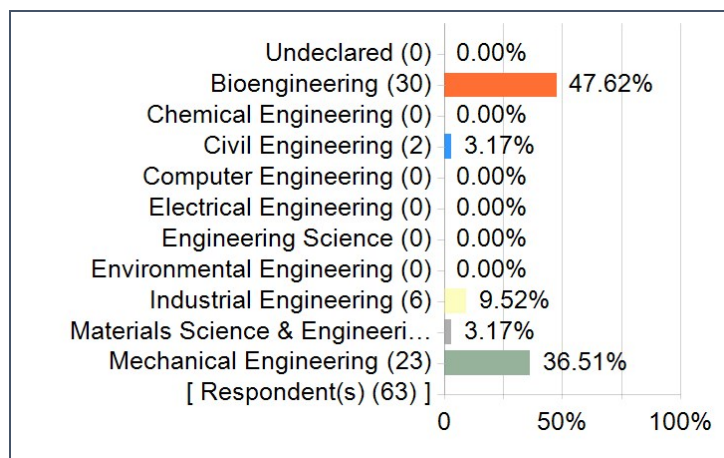
Develop a plan using your student opinion of teaching results.

- Meet with a Teaching Consultant who can help you interpret your results and develop a course of action if necessary. Email teaching@pitt.edu to set up a consultation.
- Plan on collecting student feedback during the semester the next time you teach. OMET offers a midterm course survey option and there are additional ways to collect student feedback throughout the term. For more information, go to <https://teaching.pitt.edu/omet/midterm/>
- In the future, discuss, teach, and model giving meaningful feedback with your students. Give them multiple opportunities to practice giving feedback. We have several resources that can help guide the discussion and options for gathering student feedback throughout the term.

Go to: <https://teaching.pitt.edu/omet/> for more details, references, and resources.

Creation Date: **Friday, December 25, 2020**

Please select the major you are enrolled in. Check at most 2 programs. If you are currently a freshman or an undeclared major, select your anticipated major from the list (or select Undeclared if you are unsure).



University Questions

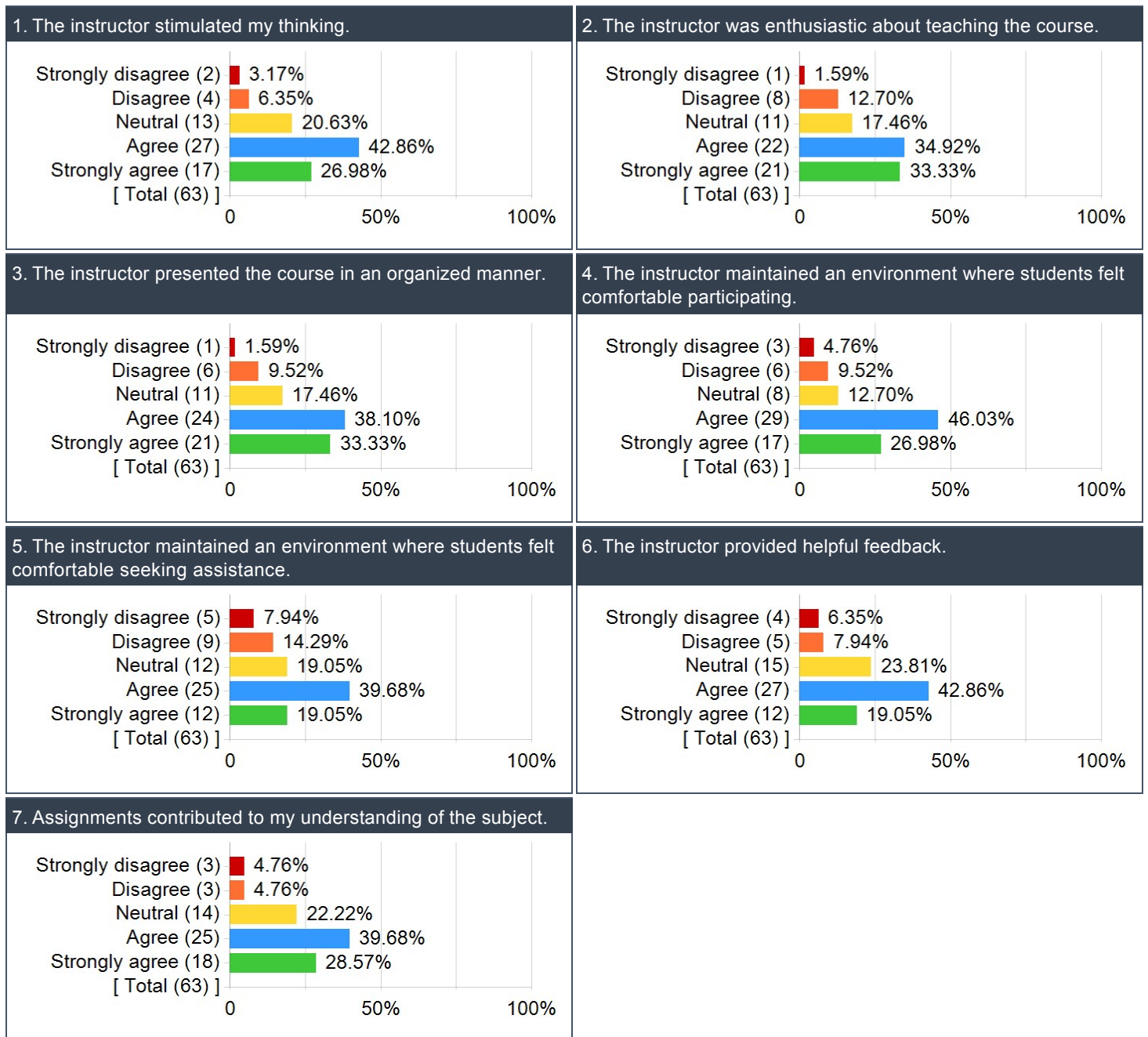
Instructor Summary of Results - Scale: Strongly Disagree (1) to Strongly Agree (5)

Question	Results		
	Response Count	Mean	Standard Deviation
The instructor stimulated my thinking.	63	3.84	1.00
The instructor was enthusiastic about teaching the course.	63	3.86	1.08
The instructor presented the course in an organized manner.	63	3.92	1.02
The instructor maintained an environment where students felt comfortable participating.	63	3.81	1.09
The instructor maintained an environment where students felt comfortable seeking assistance.	63	3.48	1.19
The instructor provided helpful feedback.	63	3.60	1.09
Assignments contributed to my understanding of the subject.	63	3.83	1.06

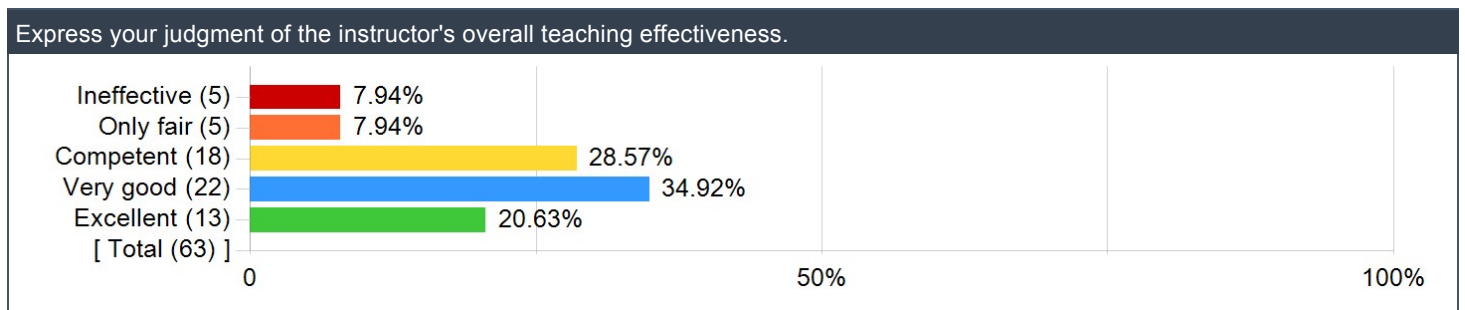
Instructor's overall teaching effectiveness

Question	Results		
	Response Count	Mean	Standard Deviation
Express your judgment of the instructor's overall teaching effectiveness.	63	3.52	1.15

Instructor Items: Detailed Results



Instructor's overall teaching effectiveness:



Comments

What did the instructor do to help you learn?

Comments
bare minimum. I hate your book. i hate tophat. i hate your hw and quizzes. this project sucks.
The breakout rooms after going over examples made me feel like I learned a lot
walked through examples
the guided examples were helpful to look back on
He was extremely helpful during office hours when I had questions about the homework or about the quizzes.
The in class examples helped me learn the most as well as the homework
Presented a lot of problems to do, and the grading was such that it was imperative that we were right much more often than not, forcing a sort of mastery
I was afraid of this class when I first signed up for it, but I can confidently say that I now understand a great deal about the mechanics and properties of materials.
Enforced repetition of the material.
provided many examples and resources to use
The lecture videos were very helpful and the in class examples also helped a lot.
He was very good at presenting at examples and working through them
He provided diverse and realistic applications of techniques. Quiz problems were difficult, but greatly aided in the proper completion of exam questions
He would post homework and quiz answers online after they were due so that would help me in learning what I did wrong and from my mistakes. He would also post videos before class detailing examples which were helpful to look back to when questions got difficult.
Dr. Barry went above and beyond his requirements as a professor to enable his students' learning and success.
Homework and quizzes really cemented the material and furthered my understanding
The instructor utilized the online textbook and interactive questions that helped incentivized me to read the text and reinforce my understanding of what I just read
The lectures are recorded videos are what I believe to have contributed the most to my understanding of topics.
He was very good at conceptualizing all topics learned.
Gave many examples and detailed descriptions
He explained the material very thoroughly and at an appropriate pace.
He helped me learnt the basics of Statics and Mechanics 1
Gave us many different resources to access to go over topics.
The prelecture videos along with the textbook, but he fell behind
A lot of course materials
The format of the class was well thought out: Introduce an idea asynchronously and show it in an example during class to drive the point home.
The instructor did help me learn the basic topics of this course. I did feel lost at times but this might have been do to online learning as it is not an engaging form of learning in my opinion.
Taught the material, and presented the concepts multiple times.
so many office hours and resources to complete homework and quizzes
Lots of practice via worksheets as well as weekly quizzes and homeworks.
Provided good examples in class
Provided in-class and homework examples that were reflective of the exam and quiz material. Ample office hours
Instructor had many different worksheets.
He provided multiple ways of learning and a lot of assignments to help you grasp material.
His teaching online was pretty organized and material wasn't hard to find.
He provided a lot of homework and examples and videos to supplement my learning. He also provided lots of office hours between his own office hours and TA office hours.

Comments
Very open with answering questions and being available for office hours, very good at reacting to the COVID circumstances with the week long quizzes and tests and being understanding of the situation
The instructor completed in class examples and mostly provided solutions to homeworks and in class worksheets in a timely manner to review.
Dr. Barry has extensive knowledge at the material and is generally pretty good at explaining terms. Sometimes he knows it too well, that I feel that he doesn't realize it is difficult for those just learning and skips over helpful ways to understand what to analyze.
I learned a lot of applications of physics 1 topics to different systems. I also became more familiar with SolidWorks and Matlab.
assigning reading materials on Top Hat
Went through a lot of examples and problems during class.
we had lots of practice problems and office hours
The instructor assigned problems for every lecture so that we would be exposed to the material and practice it in advance
Professor Barry helped expanded my knowledge of Statics and Mechanics through his thorough walkthroughs during lectures.
Provided multiple examples and solutions.
As a result of the format, we were introduced to numerous practice problems and many different variations of questions and how the approach for each one would differ. This lead to a solid understanding of the material and how to apply it to solve problems.
Having us use an interactive text forced me to learn the material more thoroughly and allowing us to take our time with exams allowed for a less stressful experience.
Dr. Barry helped me learn by organizing the information well and providing many examples and methods to help us learn the content in many places.
Dr. Barry worked very hard to help us learn. I felt like he did way too much although for other students I could see his intense force feeding of information and structure could be helpful.
Tons of summing forces, but the repetition was good for me. In-class MATLAB was good too.
Thorough explanations of course content helped me learn the material without too much difficulty. The course material was organized in a way where concepts would build off each other seamlessly.
The instructor going over practice problems in class helped me learn.
Providing sufficient examples for every section in each lecture.
Very much stimulated our learning by leaving most of the learning up to us. In a way I liked it, but these types of concepts need to be explained by someone who knows it I was not able to really teach myself since I didn't really understand the material in the first place sometimes.
Provided many examples, videos, and readings. Was very clear and concise in delivering information. The class was very light to attend.
He provided several in class and out of class examples explained in depth.

What could the instructor do to improve?

Comments
I dont think youre the right person to be teaching. I think you should go back to industry or find another job.
The questions in TopHat could use a little refining, but not much.
more interactive class
One thing that would have helped me a lot is if the homeworks were set up a different way, where it would tell you immediatly if the answer was correct or not. Also, if there were optional practice problem ontop of the homework to study for exams, or just a supplimentary optional textbook ontop of the one you wrote where we could find extra practice.
the formatting and due dates for tophat
There were several errors in the textbook when showing how to do a problem. Please fix these mistakes because as I did the readings, I would get confused on how to actually do the work.
be nicer to students, be more patient and not make classes harder than they need to be.
Offer more partial credit for missed homework problems. MANY of my homework problems I didn't receive any credit for due to a rounding or significant figures error, even though my process for a hard problem could've been completely correct
Overall, I loved how the class was taught, and this is not an issue with the instructor, but instead if there was a different platform than TopHat, that would be something to look into.
Maybe use a platform other than top hat.

Comments
don't assign us office hours and let us go to whatever works best for us week by week
I know that it is a lot of work, but it would be nice if the lecture videos were posted early so that we could watch them before the lecture. I also know that significant figures are very important, but the extreme emphasis on them takes away from learning the actual content of the course.
The instructor tended to down grade the difficulty of many problems that were more difficult to people struggling in the course, I think he should avoid that if possible
The course is an all out blitz in the first month and a half so the burnout feeling builds up quickly. I know the condensed semester really made the classwork accumulate but it still was a lot when pared with work from all other classes.
Some of the homework and quiz questions were very difficult and TopHat was often uncooperative.
more memes would be appreciated
The material is challenging, but no matter how easy Dr. Barry decides to make it, it's not going to make it really any easier.
The instructor was usually unprepared for class, which made it difficult for me to keep up in this class. The lecture videos stopped all together, so I had a lot of difficulty understanding the material before class. Also, I recommend not using Tophat again. I think another textbook would've been easier to understand and I felt as though there were very few resources to understand the material. If I didnt understand how the Tophat book was explaining it, there were no other ways to understand the material because the lecture videos were worded the same, as were Dr. Barry's explanations in class. The idea for the Tophat textbook was good, but I don't think it really worked.
Dr. Barry could work a bit more on his "bedside" manner. Sometimes when you would ask a question he would answer in a bit of a snarky manner, however, he always answered your question and helped explain what the right answer was and why it was right.
Some areas of the TopHat textbook need retouched in my opinion and if homework is not gonna be marked wrong or correct then the submissions should be infinite.
Maybe go over the most missed question on the homework every week. I feel like I am unsure when I miss the questions.
Maybe make lecture a little bit more fun and engaging. Although the examples were detailed and helpful, there were many times I found myself zoning out.
I was not a huge fan of the TopHat setup for the course.
Not make every question significant figure based. This brought my grade down tremendously. I found myself putting far more time into this class than any other of my classes because the workload was so immense. I had work due in this class 5 times during the week opposed to 1 time for all my other classes. He also comes off as very passive aggressive which makes me nervous to say anything in class. I had trouble learning in this class because I wasn't comfortable with the way it was taught.
He could be a little bit more clear about what he expects out of the project and how we should go about it
Encourage questions and not discount students being confused.
He was pretty disorganized and would often fall behind
I think that the time allotted for in class worksheets should have been more helpful with going over TopHat quizzes
The aforementioned tactic falls apart when the homework assignments go above and beyond what was taught and shown in class. This would be reasonable if he was attentive to questions. However, when one were to ask a clarification question for a homework they may well be met with a very passive-aggressive response that fails to address said question and act like it was a waste of Dr. Barry's time. I cannot stress how unprofessional and frankly rude this is. Especially from a professor saying they were trying to prepare us for the world of engineers. That unprofessionalism, in my opinion, would be grounds for firing and does not lend itself to his teaching ideals of preparing us for the engineering world or the teaching ideals of teaching.
I would have liked to see the lectures explain concepts and key ideas more. I felt as if the lectures consisted of mostly example problems at times and if I was lost on the concept then I became lost with the math.
eliminate sigfigs at some point in the course. They are important but to can really hurt homework and quiz grades.
If we stay online then the use of Tophat. I know it was a last minute thing that he had to set up but it was kind of hard to look at sometimes, especially during class.
Make all problems consistent throughout assignments, the same as in class.
Restructure the course layout so homework is more beneficial to retain the information covered. Change homework format so we can see if we are completing the questions accurately
Use a real textbook and not his own, the examples and explanations in the tophat textbook were scattered and hard to follow. Additionally, the whole textbook on tophat was very hard to navigate through. Nearly all of the modules were not explaining the fundamentals of the concepts and rather just worked through the motions of problems. The overly strict use of significant figures led to constant confusion, and while they are important, in this context, they detracted greatly from the actual content.
I would listen to student feedback for starters. We did a mid semester OMET and when he got the feedback, he basically went through each point and told us we were wrong for feeling that way. He could also adjust to how students learn and make it so that homework is more of a learning tool and less of an assessment of knowledge, that's what tests and quizzes are for. There should

Comments
also be less busy work. The in class assignments were only nice because they gave you a chance to learn without penalizing you like the homework did. If the homework was more of a learning tool, in class assignments wouldn't be as needed.
Providing more example problems to solve problems. Sometimes it was confusing on how to solve problems with given info.
Assign less homework and videos. It is not fair in my opinion to post lecture videos, expect us to come to class and then complete all of the quizzes and homework. He should choose to either host a lecture or send us the videos and not host a lecture. This class required way too much time outside of class. Especially for students like myself who have no intention of pursuing a degree in Mechanical Engineering.
this is more of a personal issue for me but I just have trouble learning straight from a book and i definitely prefer the way sapling does homework with instant feedback (and solutions) and hints to help me get started and practice and see where im going wrong instantly...again, more of a personal issue than anything
I did not always benefit from the readings because I like to watch something being done first in lecture and then read and follow up with examples on my own.
I feel like it is difficult to understand the material sometimes, and since the textbook was written by Dr. Barry it is hard to not have a second resource to go to that could maybe explain things differently. It is difficult to participate sometimes because if the chapter only has explained example problems with no other embedded example problems to solve, it can be difficult to understand right away and answer during class. I feel like it is difficult to reach out to Dr. Barry as well as the TAs because they make it seem like it is annoying for them and they do not have time, even during office hours. So I have refrained from that as well.
For me, the example-based approach was very hard to learn from because I like to understand things conceptually first. Maybe including more conceptual questions would help in the future. Also, the strict grading on significant figures was very frustrating if I worked for a long time on a problem, got it right, but lost 1 sig fig and then lost 75% of the credit for that problem. In the future, maybe limiting the deduction for that mistake would help students.
Answer students' question more thoroughly if he has less students
Allow for partial credit on homework and quizzes.
maybe not as much assigned readings and worksheets because it got really overwhelming coupled with the workload of other classes. At a point, it became more about passing than understanding.
The instructor could provide more practice problems
I think a way that professor Barry could improve the learning environment in the class is to find a different resource in which we complete assignments. I wasn't a big fan of tophat and I think that the Sapling Learning website would be a better alternative for completing assignments.
Work through more challenging examples in class.
The video lectures were often posted after the reading was to be completed. I feel it would have been easier to be able to watch the videos first, and then complete the reading to solidify my understanding of the information by reading the text and then use the reading questions to test this knowledge.
Doing a whole lecture on matlab would have been very useful.
I think that Dr. Barry could likely change the TopHat homework and quizzes to give more immediate feedback and a chance to change incorrect answers for less points than if you got it right the first time.
n/a
Additional optional practice problems would have been helpful, especially when preparing for exams.
The instructor could release the videos before the lecture so that we can understand the material before doing practice problems.
Not sure
When it came to the lectures whether asynchronous or synchronous they weren't very detailed and mostly comprised of examples. The readings were heavily detailed but there was no one to vocally explain them and it was left to us to interpret. My learning style I would love for it to be switched but it was still good.
I very much enjoyed this class layout. I however didn't enjoy the harsh grading for quizzes and homework. No partial credit would be given at all. Which made it difficult to even try quizzes and homework. Since it didn't matter how much effort I put in. I would still get a very low score in the correctness of my quizzes and homework because of silly mistakes.
N/A

Do you have any other information that you would like your instructor to know?

Comments
I shouldve known not to take your class after seeing a 2/5 on rate my professor. You are disrespectful. You treat people as lesser and you dont treat them how you would want to be treated. someone was late to class and you laid into them and embarrassed them in front of everyone. Then the next week you only come to one class bc your head hurts. Maybe if you wouldnt have tried to write

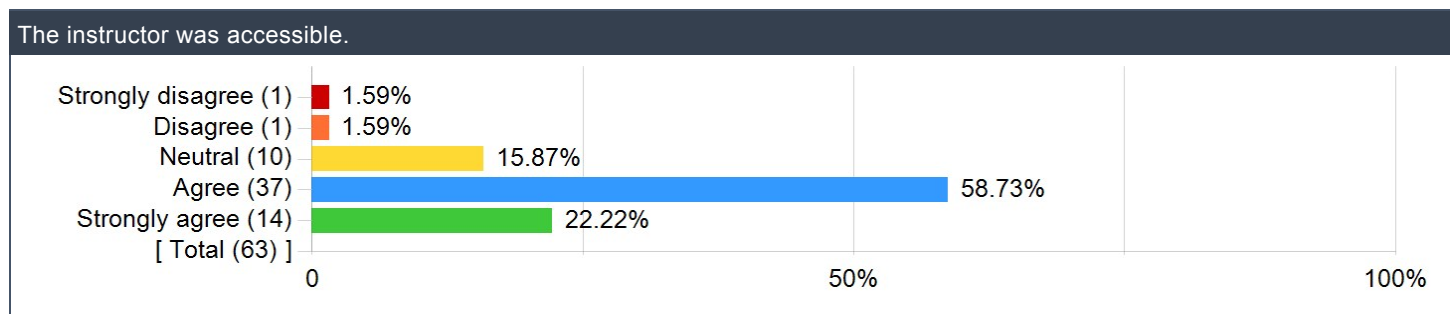
Comments
your own book and teach at the same time this class wouldnt have been a shit show. my group rarely knew wtf was going on. I still have no clue what im supposed to be doing for my project. you write a letter a minute on stupid tophat so you go over a 5 minute problem but it takes the whole hour. like cmon man. your office hours are just you chillin going on tangents about stupid random shit. Go read rate my professor too. check out what other people have to say about you. Lastly this homework and my grades are so fucked beyond repair. How are you going to make your own homework, have it graded for accuracy, and have literally half of the problems wrong. Thats literally the most unfair, unjust, bullshit ive ever heard. If somebody had a question and it was something you already went over, you will just shit on them and make them feel stupid. Ive seen it so many times that i personally will never ask you a question. If you were a nicer person i wouldve loved coming to your office hours. this class actually had a lot of real world applications. during the semester i had a crane in my backyard literally building houses. i wanted to tell you about it and show you pictures. However, I will not be doing that because i dislike you that much. I think we had midterm surveys too and the entire class said that they didnt like the way you were teaching. The next class you called us all stupid for trying to learn from the homework. like wtf else am i supposed to learn from. you think im learning when im reading? DUMBASS YOU HAVE TO DO A PROBLEM TO LEARN IT. YOU DO PROBLEMS DURING HOMEWORK. STUDENTS LEARN FROM HOMEWORK. its not a hard concept. sorry for ranting. i had to get it out. sorry for cursing. i had to get it out. Dr. Barry I wish you the best in your future endeavors.
No
the worksheets each week were really hard
the tophat system is flawed however I think I am more engaged using it
N/A
I already plan on taking two different classes that Dr. Barry teaches next semester because I learned so much in this class.
I believe the homework questions could give students feed back on whether they're right or wrong. I feel like I'd learn more and do better on them. I knew most of the material but often lost a lot of points due to sig figs.
nope
N/A
none
I really do enjoy your dry sarcasm. It's nice and refreshing honestly and quite honestly has caused me to laugh quite hard numerous times. I really to appreciate the feeling that you want us to succeed but also want us to have to truly apply ourselves.
I enjoyed your class this semester!! You've taught me a lot and I hope to take your class again in the future.
Thank you so much for being patient and incredibly helpful over the course of the semester, it made learning the material for the class much easier
I would like to thank Dr. Barry for the effort he put into this class against the odds of COVID and complaining students.
I think it would be helpful to students to start with really simple examples for the material and gradually get more difficult. I found that the examples were usually difficult right off the bat, which made it hard to learn the material efficiently.
N/A
Overall I enjoyed the class and your energy, but I felt some of the concepts I could not fully grasp due to a small amount of examples prior to homework and quizzes. If I am to display what I know on the homework rather than learn from it, I believe more resources need to be provided prior to the homework.
good guy. Push for a PDF version of the book so we can download to our Ipad instead of reading on my laptop
no
N/A
N/A
I think that the tophat book should have a separate location so that students can read the book and look at problems simultaneously. This would make studying easier as well and students would be able to print paper copies to mark up and highlight them.
Sami is the goat
No
N/A
Avoid the use of tophat and a recommend a regular statics textbook
I hated going to this class and doing all the work for it. I really liked the material so that's sad for me. I didn't feel comfortable participating in class because of how condescending Professor Barry was if your answer was wrong or not quite what he was looking for. I was afraid to ask questions because the response was always sarcastic and rude. He claimed course web was a useful tool for knowing class updates and finding class resources. This was only half true. The announcements had the most basic information and if you asked a question about one of them he would get angry and tell you to look at the announcements when they weren't actually helpful. It felt like we had to read his mind to know what was going on half the time. On top of this, I felt so

Comments
overwhelmed with all of the assignments all the time. It was just too much on top of other classes on top of the pandemic and everything else going on in this country.
Humor was pretty funny at times.
N/A
Thank you for providing solutions to the homework/quizzes, that was very helpful. The only suggestion I might have is to go over the reading examples or make the in-class examples similar to the reading for those who didn't understand those problems.
Taking 10 points off for not putting a unit in the calculation process in a exam is too harsh, I have never seen any other professor who does this
not really. Thankyou!
A pdf version of the textbook would be very helpful
n/a
Overall, a perfect balance between difficulty and having a good time.
I liked the in-class MATLAB examples toward the end of the semester. Also, I liked being able to print the class example before lecture.
I didn't like how top hat only allowed you to receive one point if you got a question wrong even if it was a minor mistake. For example we would only get one point if you forgot a negative sign or your rounding was different.
No
I'm very thankful for the semester it was stressful but he was very very helpful when you reached out to him. I would've also liked for the live lectures to be recorded in case students had to watch them later like I had to sometimes but couldn't.
Thank you for making this class enjoyable and easy to engage in while being online.
Very enjoyable. Appreciate all the content available to us.

ENGINEERING

Swanson School of Engineering Items

The instructor was accessible.



Please provide advice to future students: What could you have done to improve your learning in this course?

Comments
To future students, switch to a different section that doesnt use the book that Barry made and isnt taught by barry. I guess to improve my learning I couldve watched youtube videos or tried to get a tutor. Those wouldve been more time effective than watching his dogshit lectures and reading his book.
I could have studied more
create a solid study group immediately dont fall behind
Use your resources, and if you cant attend office hours, then try to find a study group of you classmates, so you have someone who can help if you get stuck. Sometimes all you need is a different view on a topic to understand it.
Go to the office hours if you have questions on homework or on quizzes.
take my time on the in-class work sheets
Even if you miss problems on homework, check the answer keys when he releases them, and redo the problem so that you are confident that you can do them.
Do the reading assignments, they might be long and time consuming, but they help you understand the material so much.
Make sure you keep up with the reading and go to class. He actually makes it very manageable.
keep up with videos better
Keep up with all the readings, in class worksheets, and lecture videos.
Keep up with the readings and the videos, the class is cumulative, so if you miss one lecture the subsequent ones become significantly more difficult to understand.
Stay on top of the workload from the start, once it starts to slip its really difficult to catch up
I would have gone to more office hours and started homework and exams early.
make sure you take notes on the chapter before class, it's really helpful
Attending the office hours consistently would have been very useful. The earlier concepts were easy enough, personally, to avoid attending office hours, but some of the later concepts were more challenging. It made it more personally daunting and harder to schedule attending the office hours because it wasn't something I had completely planned for throughout the semester.
do some outside research on each topic. Don't rely on the lecture, textbook, or videos.
Read the book, and make sure you know your sig figs by week one
If the course is online make sure you have a schedule you set for yourself about when to watch videos and try worksheets. The solutions to the homework is extremely useful and you should check your homework after it has been graded.
Go to office hours more frequently
Stay focused and do the assigned readings right when they're assigned
N/A
Be on top of all the assignments and keep track of due dates

Comments
Use Sammy as much as possible she is very helpful.
Attend more office hours
Learn the homework and quizzes. If it doesn't make sense the first time, try again. Work at it until it makes sense, you'll need it to.
I would try to stay on top of the tophat assignments better. The due dates can be deceiving sometimes as assignments are due at times like 11:59 p.m. and 12:01 a.m., so make sure you know what is due when. Also try to learn as much as you can from the lectures because you won't find that many YouTube videos that cover the material in an effective manner and the book felt vary limited to me.
Make sure to give yourself time to go over the material before lecture.
Made sure I was consistently understanding the in class work sheets. Sometimes I wouldnt have time and I would kind of put them on the back burner.
Look at homework/quiz/worksheet answers and compare them to what I did. I didn't do that soon enough so I struggled for a little bit
Go to TA office hours more
Start homework early so if you run into trouble, there is time to seek assistance
Stress less about assignments
Use the lecture videos posted on course web before the lecture. They are way more helpful than the reading if you are looking for a solid foundation for understanding. Use the reading example problems to help on the homework and quizzes because they are very similar a lot of the time.
Pay attention. Do all the required readings and get help if you don't understand something
Go to office hours, very helpful.
Make sure you read his exam instruction carefully.
Make sure to follow along with all in class work. It is difficult to stay engaged remotely, and there have been times were I got distracted and missed material being explained.
Definitely review Matlab before taking this course because it would've made things a lot easier if I was more comfortable with that software.
Be very careful and write all units on your exam!!!
Go to office hours.
find time to practice. try not to zone out during class, you'll end up missing a lot
Stay on top of the material and make sure that you catch up on any material you don't feel confident about before the next lecture
Make use of the TA office hours, they were really helpful
Take the readings,in-class worksheets, and homework seriously, they help you learn a lot.
I would have liked to go to office hours more often than I was able to. Even if I did not have a question, it would have been useful to be exposed to the information again and be able to watch more problems be solved.
Watch all the videos and dont slack on reviewing the material after every lecture.
If this course is online again, the best advice I could give is to watch the videos and utilize all methods of learning rather than just relying on one or the other.
Stay on top of homework. If you get something wrong on HW, it's easy to move on and start the next assignment, which is something different, but learn from solutions.
Manage your time and don't hesitate to review your notes while completing homework.
Stay on top of the reading and start the homework in advance.
I definitely could've used the resources provided to me a lot more often.
KEEP UP WITH IN CLASS ASSIGNMENTS AND ASSIGNED READING. ALSO START HW AND QUIZZES AS EARLY AS POSSIBLE THEY TAKE TIME. The first two are where many easy points come from if I had known earlier I would've been more on top of it. Also get help they are very helpful and I didn't reach out till the end of the semester which I deeply regret.
Do all the practices and readings, do NOT input answers just to get the participating score.
Watch the videos in advance and take notes. In class apply what you learned to the examples and ask questions when you have them.

ENGINEERING UNDERGRAD

Please rate the degree to which this course has improved...

Question	Results		
	Response Count	Mean	Standard Deviation
Your ability to identify, formulate, and solve complex engineering problems by applying principles of engineering.	63	3.89	0.86
Your ability to identify, formulate, and solve complex engineering problems by applying principles of science.	62	3.63	0.89
Your ability to identify, formulate, and solve complex engineering problems by applying principles of mathematics.	62	3.74	0.90
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare.	62	3.63	1.00
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of global, cultural, and social factors (i.e., sustainability principles).	63	3.03	1.11
Your ability to apply engineering design to produce solutions that meet specified needs with consideration of environmental and economic factors (i.e., sustainability principles).	62	2.98	1.11
Your ability to effectively communicate verbally with a wide range of audiences.	63	3.05	1.11
Your ability to effectively communicate in writing to a wide range of audiences.	62	3.05	1.09
Your ability to recognize ethical and professional responsibilities in engineering situations.	62	3.40	1.08
Your ability to make informed judgments that consider the impact of engineering solutions in global and societal contexts (i.e., sustainability principles).	63	3.11	1.12
Your ability to make informed judgments that consider the impact of engineering solutions in economic and environmental contexts (i.e., sustainability principles).	62	3.06	1.10
Your ability to function effectively on a team whose members together provide an inclusive environment, collaboration, and leadership.	63	3.86	0.91
Your ability to function effectively on a team whose members together establish goals, plan tasks, and meet objectives.	62	3.95	0.84
Your ability to develop appropriate experiments.	63	3.29	1.14
Your ability to conduct appropriate experiments.	62	3.34	1.17
Your ability to analyze and interpret data and use engineering judgment to draw conclusions.	63	3.59	1.01
Your ability to embrace new learning strategies to independently acquire and apply new knowledge to solve engineering problems.	63	3.78	0.94

Remote Instruction and Learning Questions

As part of the University's response to the COVID-19 pandemic, many courses continued to hold remote class meetings during all or part of the fall term. Students were asked to provide feedback about the remote aspect of the course.

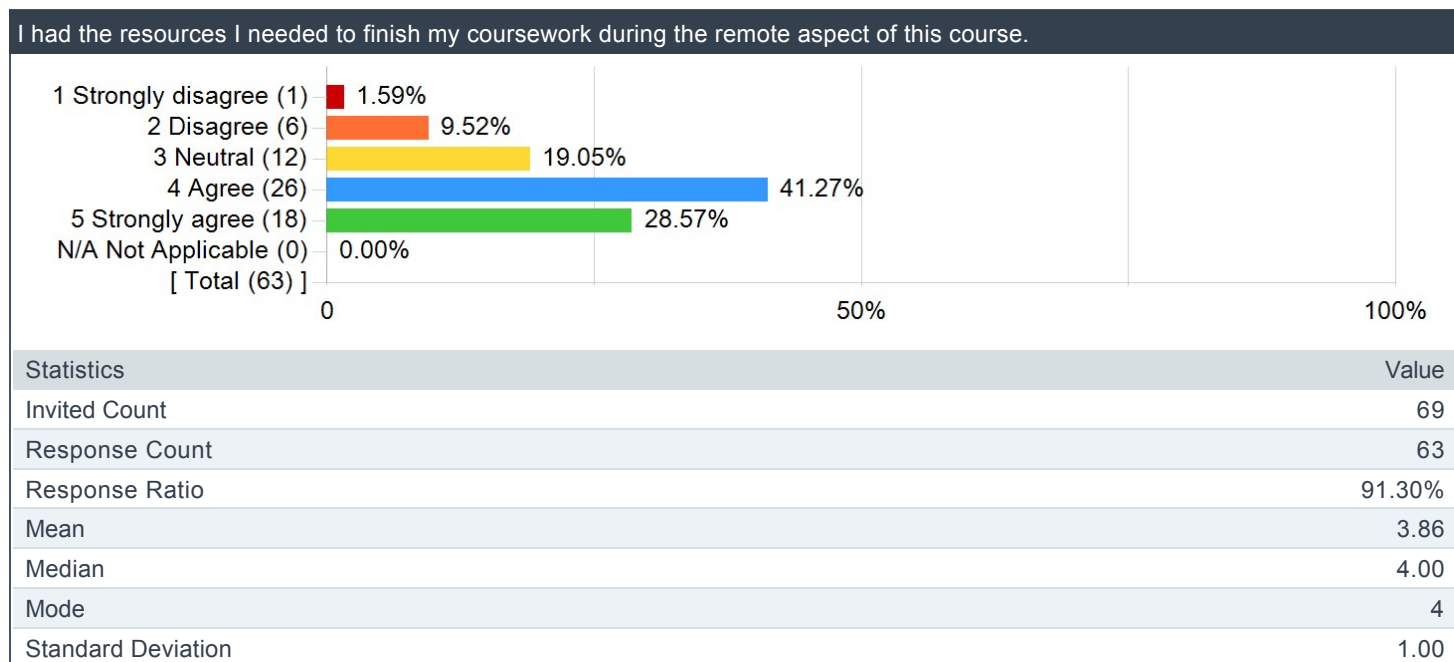
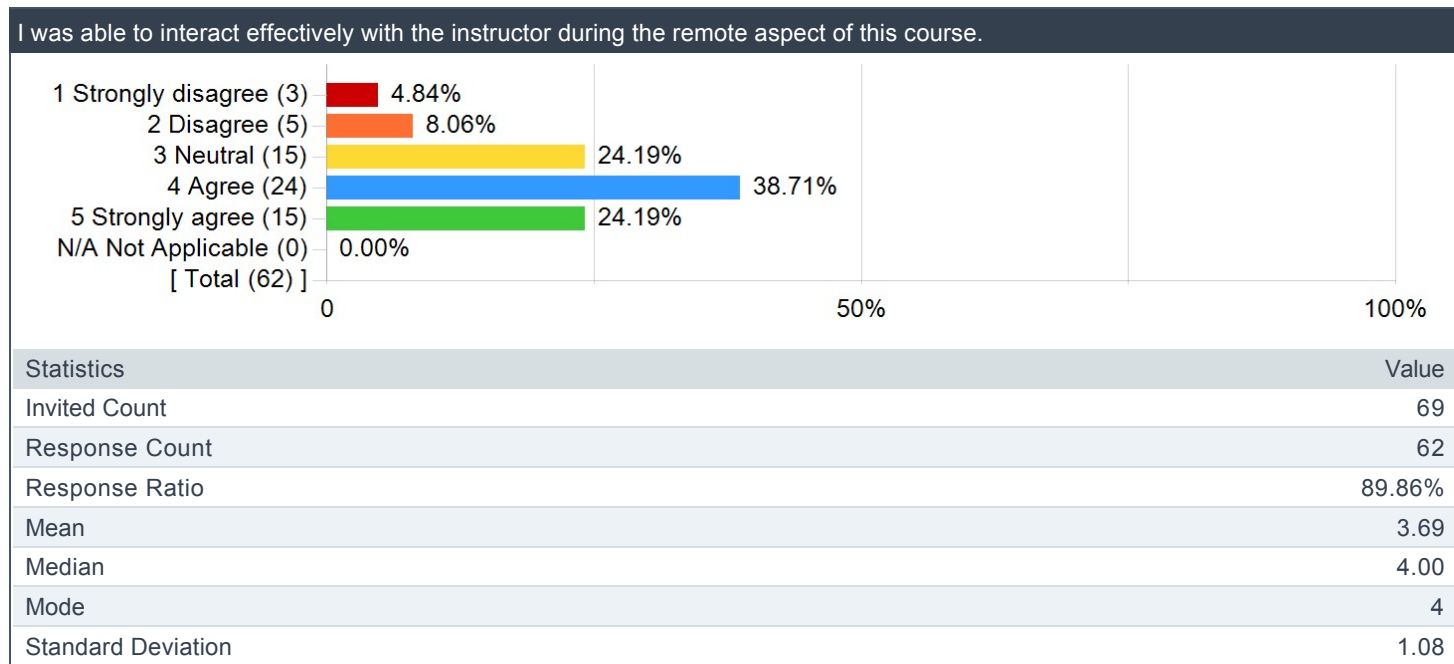
Instructor Interaction

Question	Results		
	Response Count	Mean	Standard Deviation
I was able to interact effectively with the instructor during the remote aspect of this course.	62	3.69	1.08

Course Resources

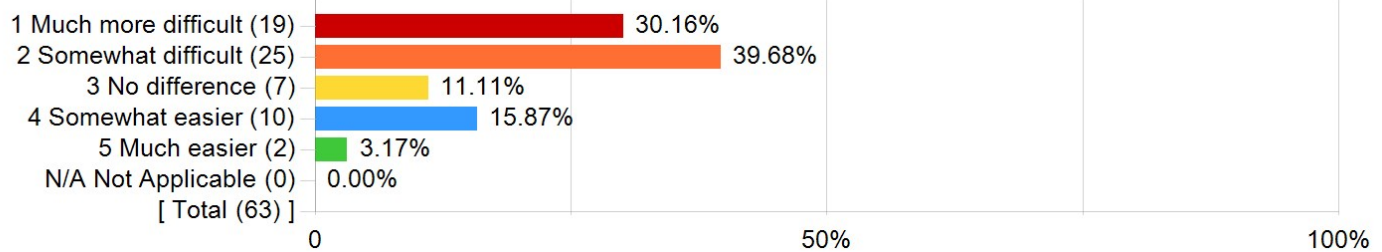
Question	Results		
	Response Count	Mean	Standard Deviation
I had the resources I needed to finish my coursework during the remote aspect of this course.	63	3.86	1.00

Instructor and Course Details



Level of Difficulty

The remote aspect of this course made it (blank) for me to learn.



Statistics	Value
Invited Count	69
Response Count	63
Response Ratio	91.30%
Mean	2.22
Median	2.00
Mode	2
Standard Deviation	1.14

What do you think the University should know about your experience as a student in the current remote learning situation?

Students
its hard
Nothing
the lectures were not recorded for students to watch at later time
I truly appreciated when Dr. Barry gave a week to finish a test. It allowed me to focus on other courses while still being able to work on the exam in the background.
sitting in front of a screen for hours on end is too draining
N/A
The remote experience was varied between professors, I think Dr. Barry did an amazing job integrating our learning to online coursework.
I don't know how the class would be run in person so it tough to say.
top hat sucks
Dr. Barry did well in adjusting to online, but it is still so much harder (in general) to learn online.
Online school is awful and if we are subjected to it again there had better be a discount in tuition
Professor Barry has done a fantastic job of adapting the course to an online setting. He deserves great amounts of praise
It is challenging and frustrating when professors hold students to in person class standards when it is significantly more difficult to learn and perform well in online class settings.
The remote experience has been detrimental to my methods of studying and learning, as well as my mental health. All of this has led to results in my classes far below my normal grades. It is okay though because it is a new situation to deal with and it may actually help my progress as a student and an engineer in the long run.
I think it would have been a lot easier if the instructors were held to the same standard of preparation and were working as hard as the students. I understand this is a difficult transition but this professor would skip class, while still keeping due dates for assignments unchanged.
N/A
It sucks.
Remote is not good. I don't feel like I am getting the proper education. I would have just SNHU if this is what it came down to. 28,000 for online is so so stupid. Dr. Barry did the best out of all of my professors
nothing

Students
N/A
The professors give way to much extra work just because it is online. Students are currently handling double the course load compared to in person classes
Course materials can be overwhelming with already having so much screen time
I can't speak to whether this course would have been easier in person, but I do know that it was fairly challenging remotely, though the problem didn't seem to originate from the actual structure of the course.
I believe remote learning is a far inferior form of education. When topics are hard to understand, resources become very limited for students. It feels as if the teacher just gives you a list of topics to know and you teach yourself with youtube. I think that having all of my classes in person would have provided both better understanding and education.
Learning is much harder in a remote setting for me.
its lame
There were so many online assignments since everything was virtual that it was very easy to lose track of things since each Canvas page can be run differently
Very strict schedule
It is much harder to focus and learn virtually
Online textbooks and software are difficult to navigate
In person, I would have had a better time keeping myself organized. There wouldn't have been that much busy work in person because professors would be able to actually teach.
Learning isn't the same
Offer a satisfactory/No credit option for this semester. My mental health hit an all time low this semester and I think I would greatly benefit from having the option of taking this class specifically Satisfactory/No Credit
getting feedback from instructors (of all classes) is much more difficult
The added stress and anxiety of not only learning everything remotely but living through a pandemic and times of social justice movements makes it hard to focus on much at all. Being understanding and flexible during these times should be a priority. It is almost as if having everything online made my workload 10x more, so the combined stress of everything has had impacts on my mental and physical health. Being there for your students and doing everything to keep them safe and healthy should be a priority.
keep S/NC options as long as remote learning exists
It's much harder to reach out for help in a remote learning situation.
that the workload is largely increased considering our motivation to learn while at home is quite small.
I was not able to comprehend the material as well and felt more pressured to teach myself and it was much easier to fall behind
In the current remote learning situation, I found it more difficult to learn and find the effort to want to learn
Whether or not we are in online stance next semester, being able to watch lectures again was very useful.
I think the university should realize what a massive change remote learning is and the impact it has had on us as students and make the change to allow students to have a pass/fail option.
I wish the university relied less heavily on remote lectures and worked harder to maintain hands on learning opportunities. The amount of times I have heard "we could do the hands on part but it would be a lot of work" this semester is unacceptable from an institution with 20,000 students charging thousands of dollars per student per course. I understand that covid poses risks and challenges to in-person, hands-on learning but the reason we pay what we do for school is to receive a high level of education and just because it is hard, we shouldn't give up trying to achieve that level of education.
It's not the same, and that is not instructor's fault. Just all the college work and little college experience.
Currently on campus but interactions with other students have been greatly limited due to the pandemic.
Learning remote is much more difficult than learning in person. It is much harder if the class seems unorganized.
I strongly believe I would've performed much better academically, (grades specifically), if I were in a classroom.
it SUCKS
It was very difficult to understand certain concepts through videos which were on the shorter side. They also had their benefits for short attention spans plus you can rewatch but speeding through concepts made me not really understand some of them as much as I should. Also it was harder to communicate with classmates when we needed to
Remote learning has been very frustrating, confusing at times, and unorganized. However, Professor Barry's course has been the exception.