



Individual Instructor Report for PHYS 220.01 - Engineering Physics I - 21309-202020 James Drachenberg

Project Title: **Student Opinion of Instruction Spring 2020**

Courses Audience: **40**

Responses Received: **22**

Response Ratio: **55.0%**

Report Comments

Course evaluations are a good tool you can use to adapt your course and teaching styles and methods to be as effective as possible in future classes. They're also an important element of your annual evaluations and tenure and promotion processes. We encourage you to save each report each semester for your reference.

Uploading the reports in your Scheduled Teaching listings in Activity Insight can be a good place to keep track of them.

If you have technical problems accessing a report, please contact Educational Technology at courseeval@acu.edu. If you would like help interpreting your results or looking for teaching techniques to respond to this feedback, please contact Cliff Barbarick, the director of faculty development in the Adams Center, at cab11c@acu.edu.

Creation Date: **Thursday, May 14, 2020**

Course Questions:

	Mean	Count	%(1)	%(2)	%(3)	%(4)	%(5)
As a result of this course experience, I have a better understanding of the subject matter.	4.73	22	0.0%	0.0%	4.5%	18.2%	77.3%
My experience in this course reflected ACU's mission to educate students for Christian service and leadership throughout the world.	4.95	22	0.0%	0.0%	0.0%	4.5%	95.5%

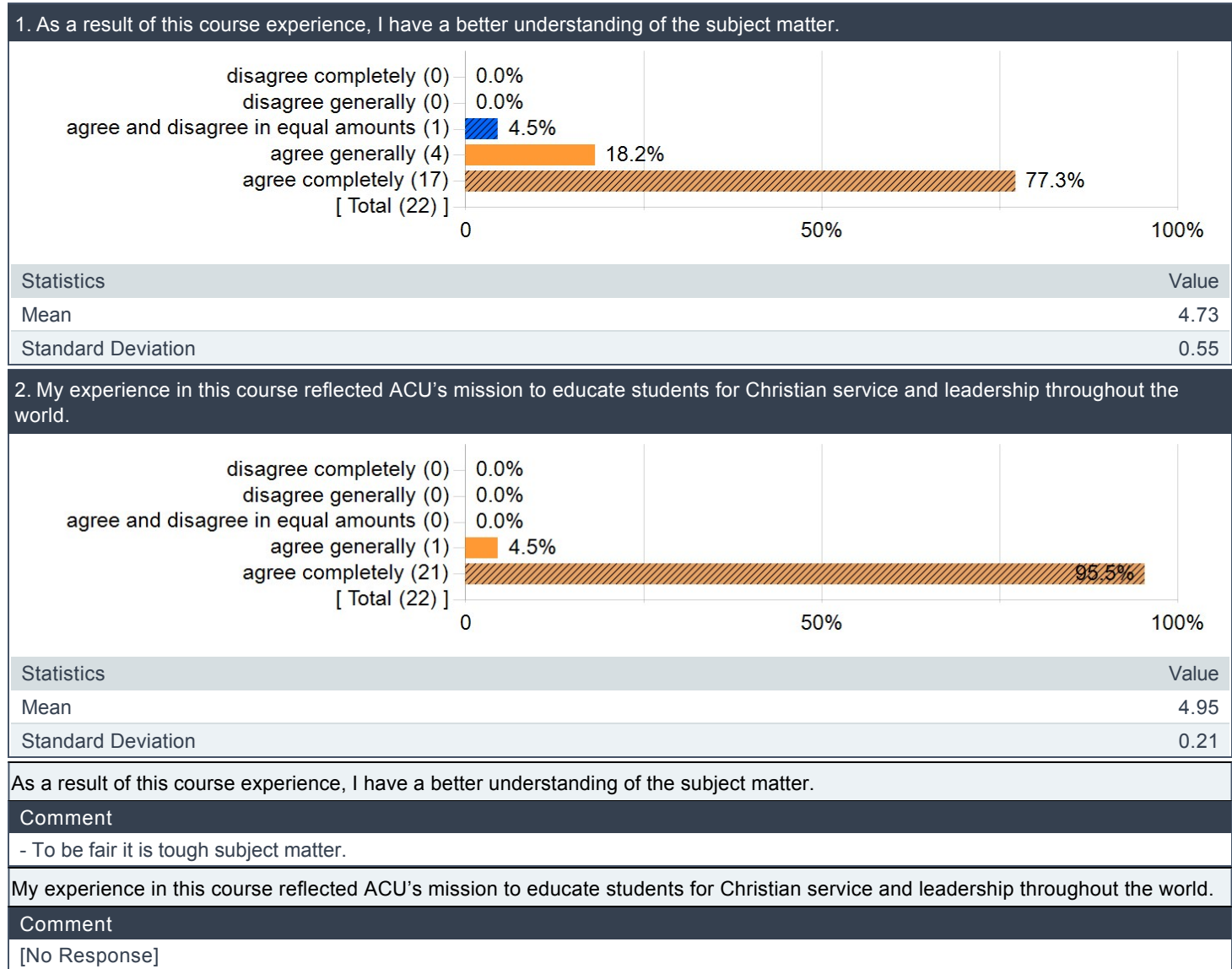
Instructor Questions:

	Mean	Count	%(1)	%(2)	%(3)	%(4)	%(5)
The instructor communicated the course material clearly.	4.77	22	0.0%	0.0%	0.0%	22.7%	77.3%
The instructor showed a genuine interest in the subject and a desire to share it with the students.	5.00	22	0.0%	0.0%	0.0%	0.0%	100.0%
The instructor was well prepared for class.	4.95	22	0.0%	0.0%	0.0%	4.5%	95.5%
The instructor graded assignments and/or exams in a timely manner.	4.23	22	0.0%	4.5%	27.3%	9.1%	59.1%
The instructor created a hospitable environment for learning.	4.91	22	0.0%	0.0%	0.0%	9.1%	90.9%
The instructor treated me with respect and fairness.	5.00	22	0.0%	0.0%	0.0%	0.0%	100.0%
The instructor was receptive and responsive to my questions and concerns.	5.00	22	0.0%	0.0%	0.0%	0.0%	100.0%

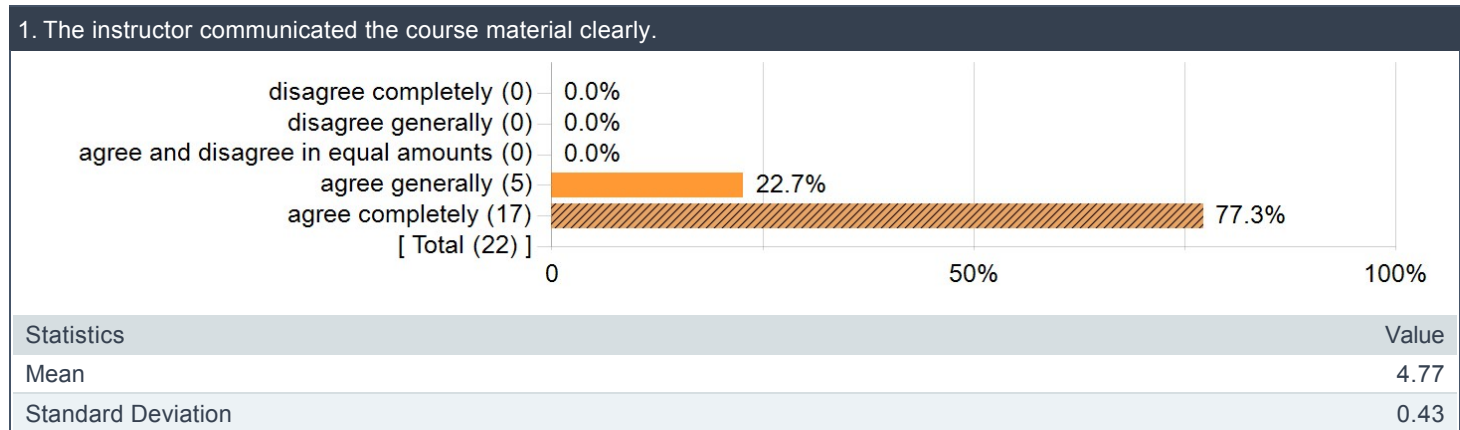
Instructor Accessibility During Online Instruction Period:

	Mean	Count	%(1)	%(2)	%(3)	%(4)	%(5)
The instructor was accessible via email or other means during the online instruction period.	4.95	22	0.0%	0.0%	0.0%	4.5%	95.5%

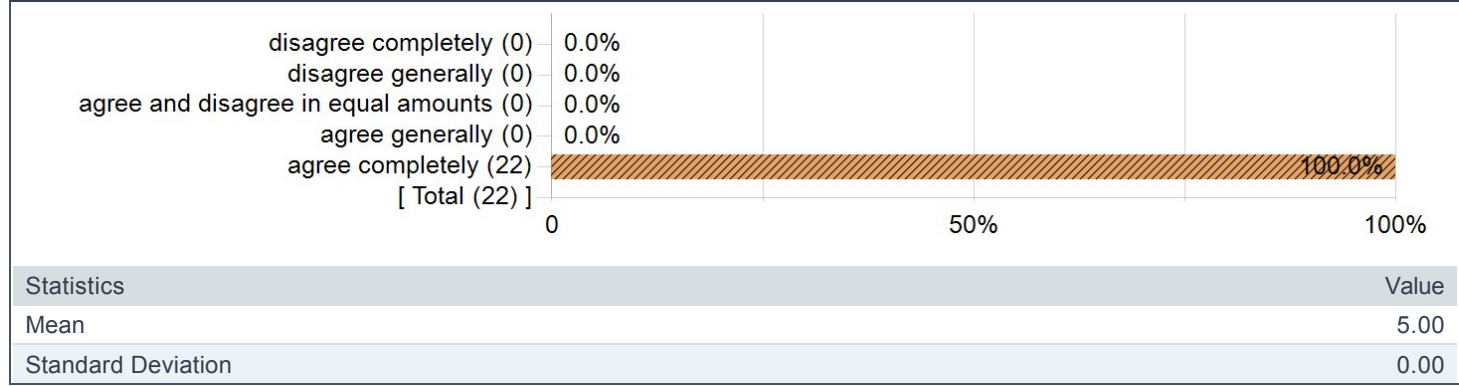
Course Questions:



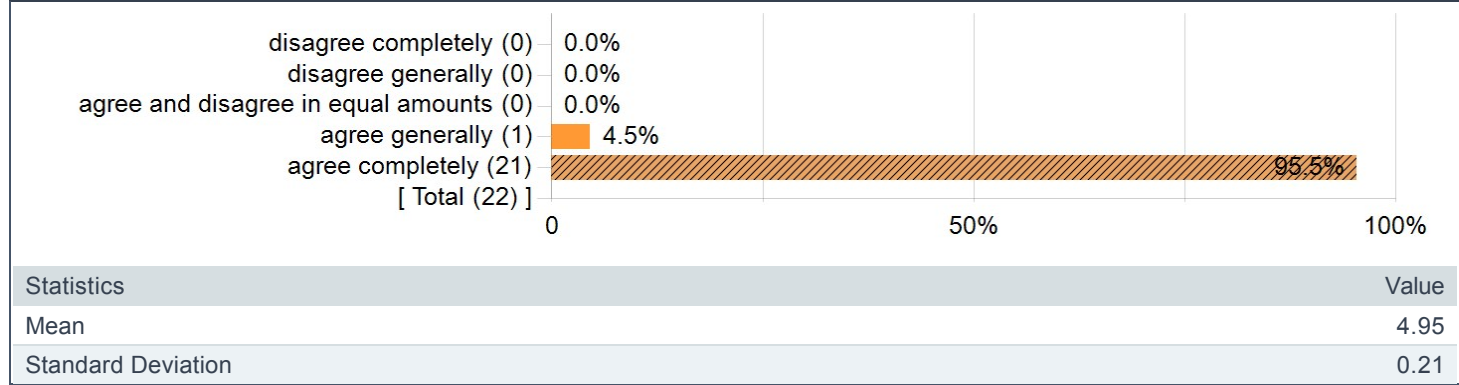
Instructor Questions:



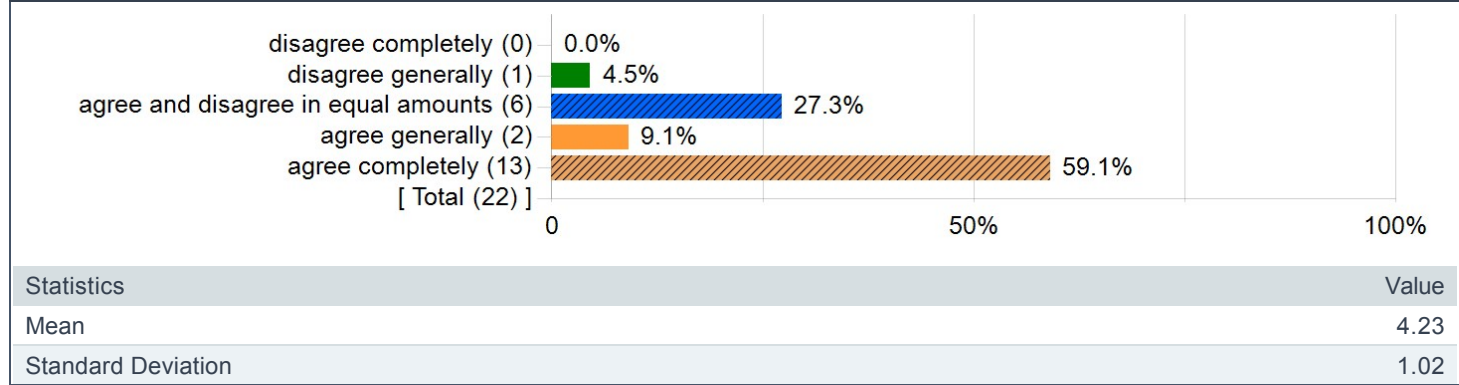
2. The instructor showed a genuine interest in the subject and a desire to share it with the students.



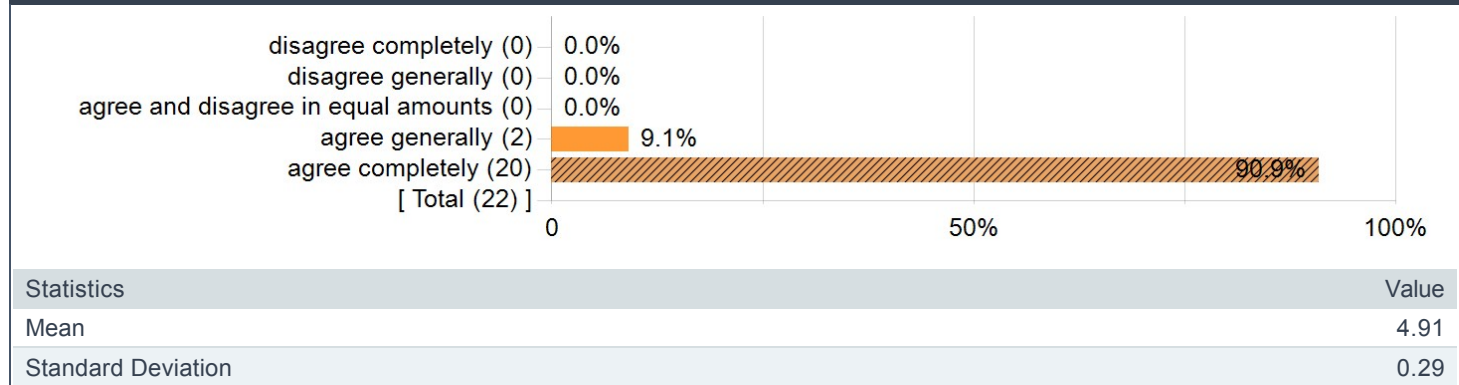
3. The instructor was well prepared for class.



4. The instructor graded assignments and/or exams in a timely manner.

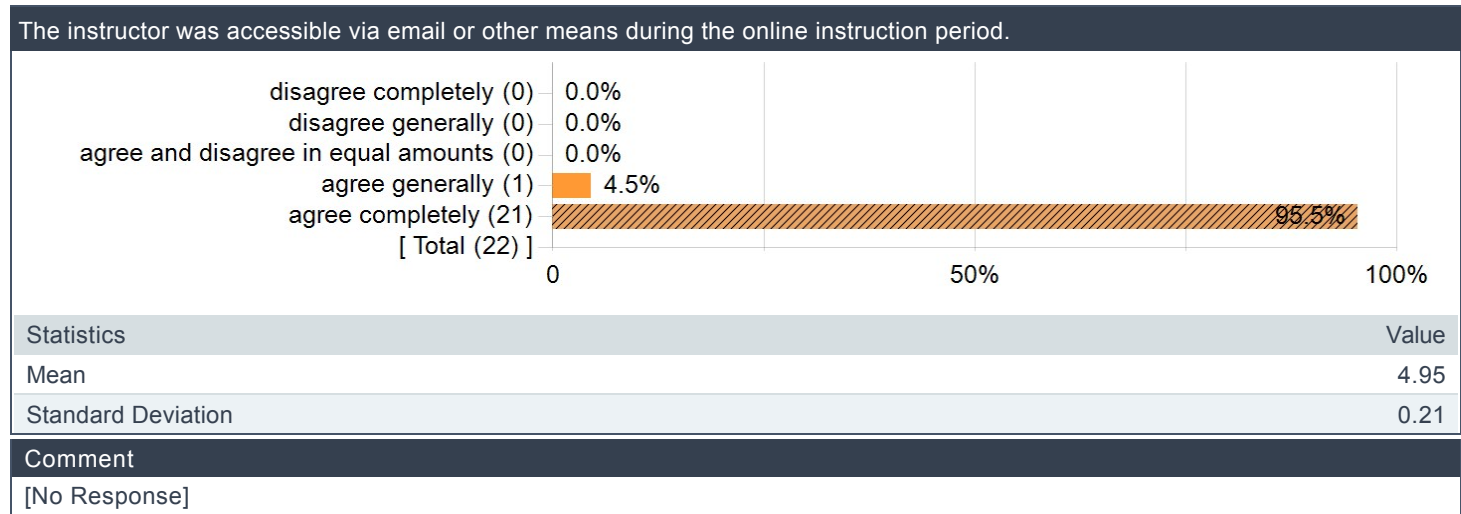


5. The instructor created a hospitable environment for learning.



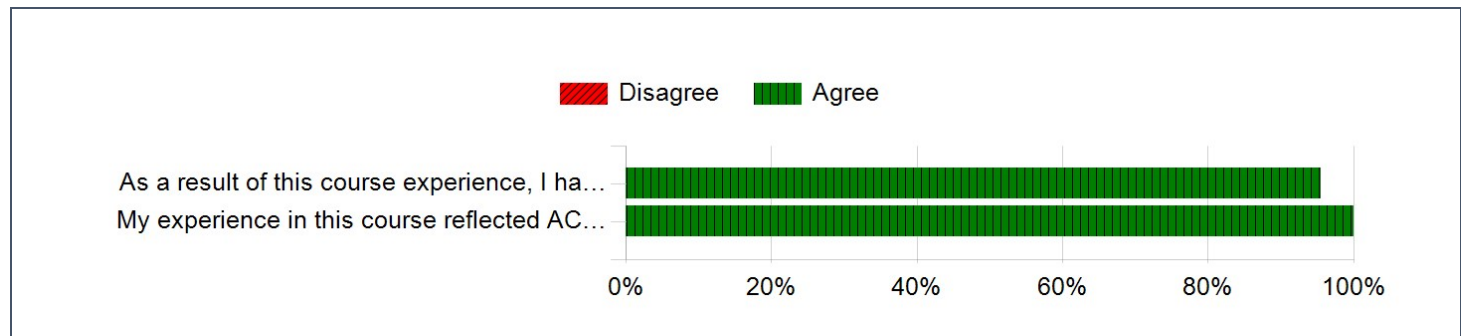
6. The instructor treated me with respect and fairness.	
disagree completely (0)	0.0%
disagree generally (0)	0.0%
agree and disagree in equal amounts (0)	0.0%
agree generally (0)	0.0%
agree completely (22)	100.0%
[Total (22)]	
050%100%	
Statistics	Value
Mean	5.00
Standard Deviation	0.00
7. The instructor was receptive and responsive to my questions and concerns.	
disagree completely (0)	0.0%
disagree generally (0)	0.0%
agree and disagree in equal amounts (0)	0.0%
agree generally (0)	0.0%
agree completely (22)	100.0%
[Total (22)]	
050%100%	
Statistics	Value
Mean	5.00
Standard Deviation	0.00
The instructor communicated the course material clearly.	
Comment	
[No Response]	
The instructor showed a genuine interest in the subject and a desire to share it with the students.	
Comment	
[No Response]	
The instructor was well prepared for class.	
Comment	
[No Response]	
The instructor graded assignments and/or exams in a timely manner.	
Comment	
- Exams were graded on time.Homework has taken a while, but I understand .	
- only because the homeworks were practically never graded, but this was tough to accomplish during the online instruction period.	
The instructor created a hospitable environment for learning.	
Comment	
[No Response]	
The instructor treated me with respect and fairness.	
Comment	
- Dr. Drach treated even the most inquisitive students in my section with the utmost respect and fairness.	
The instructor was receptive and responsive to my questions and concerns.	
Comment	
[No Response]	

Instructor Accessibility During Online Instruction Period:



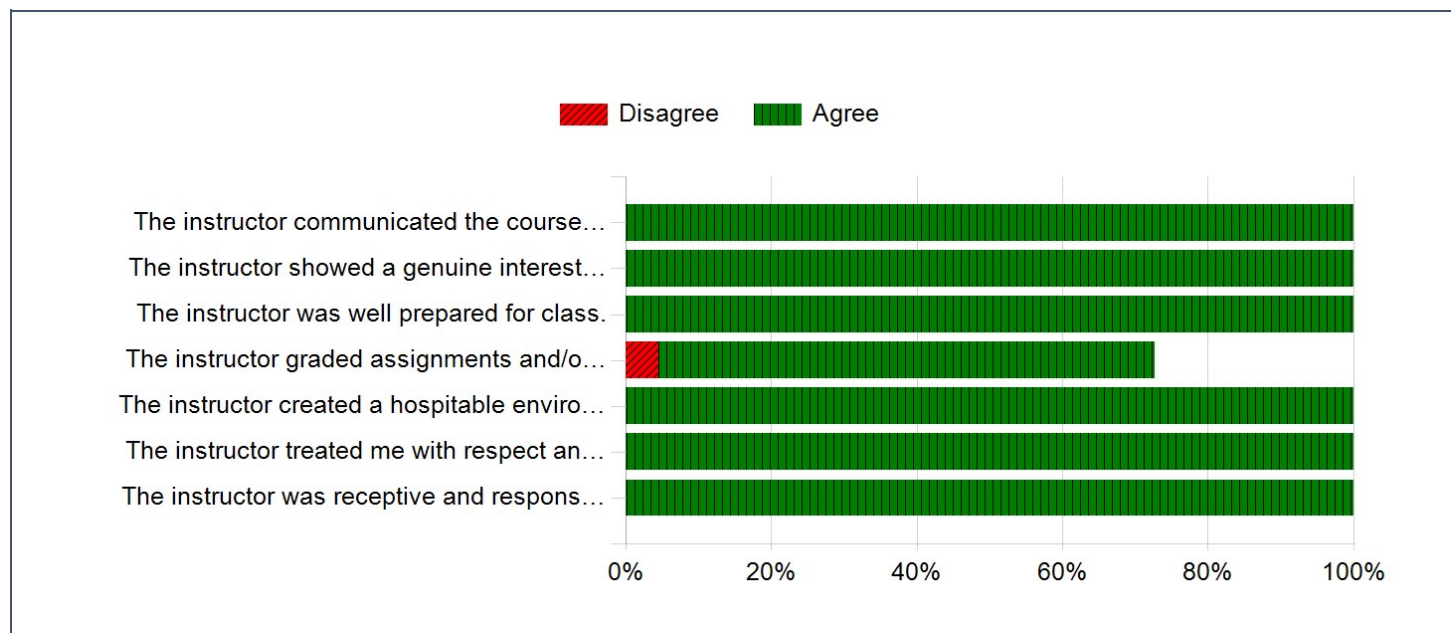
Course Questions: - Aggregate Chart

Note that in the following aggregate chart "Agree Completely" and "Agree" have been grouped together as "Agree" while "Disagree Completely" and "Disagree" have been grouped together as "Disagree" and "agree and disagree in equal amounts" is not included on this chart.



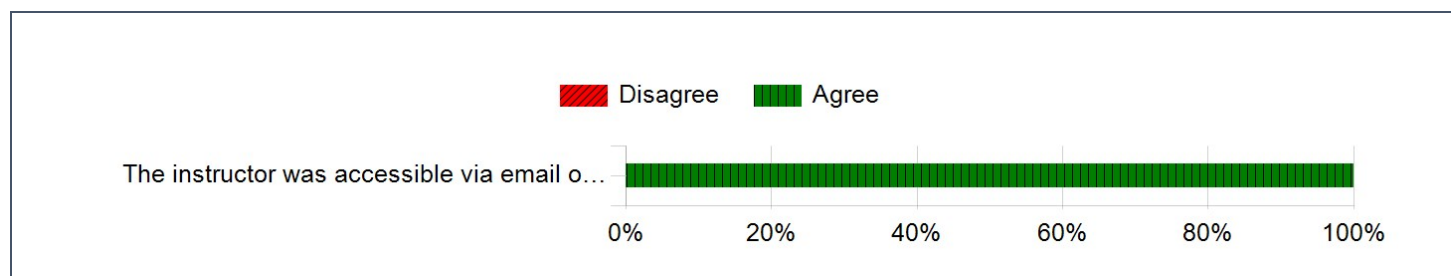
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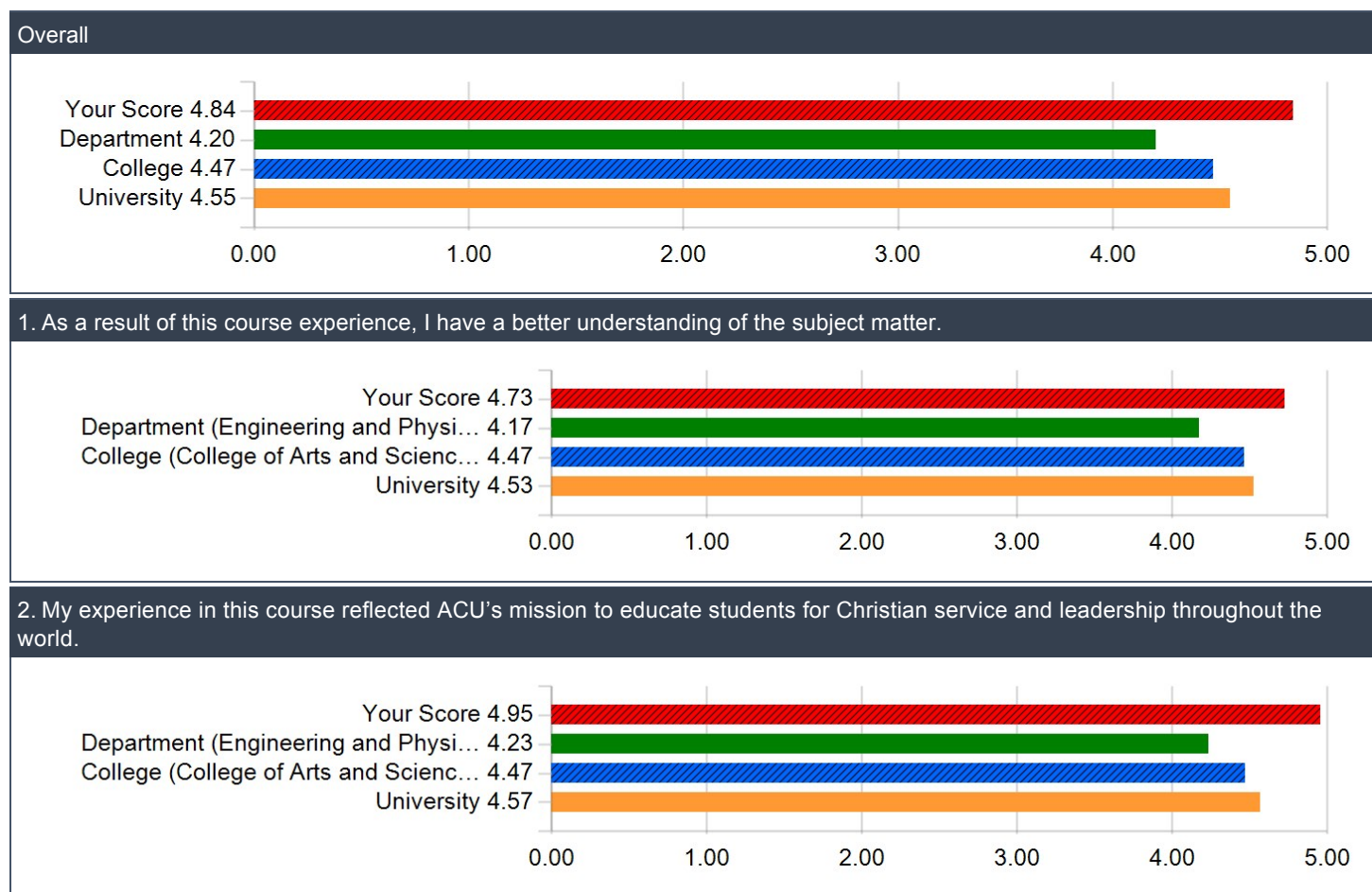


Instructor Accessibility During Online Instruction Period: - Aggregate Chart

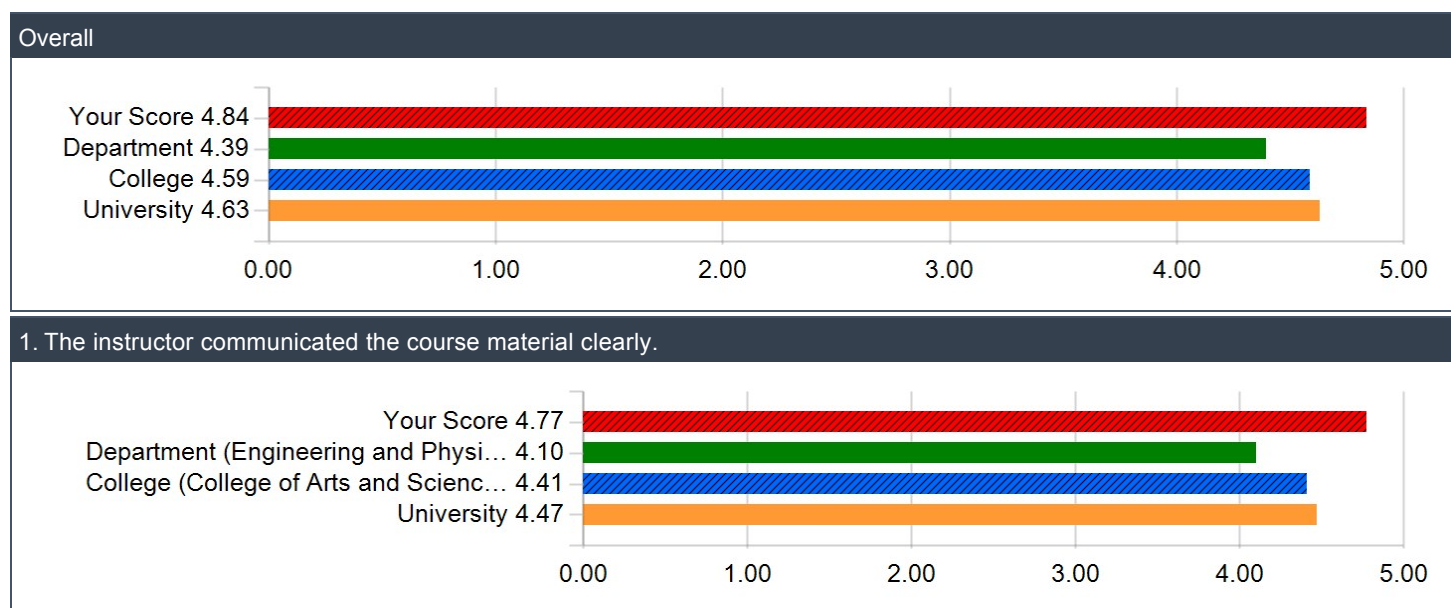
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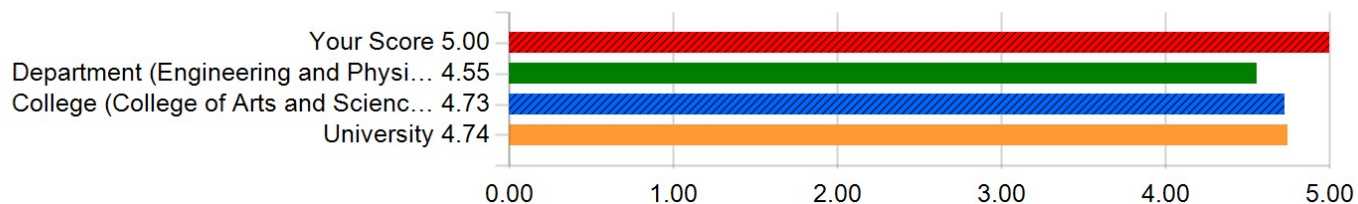
Course Questions: - Comparative Scores



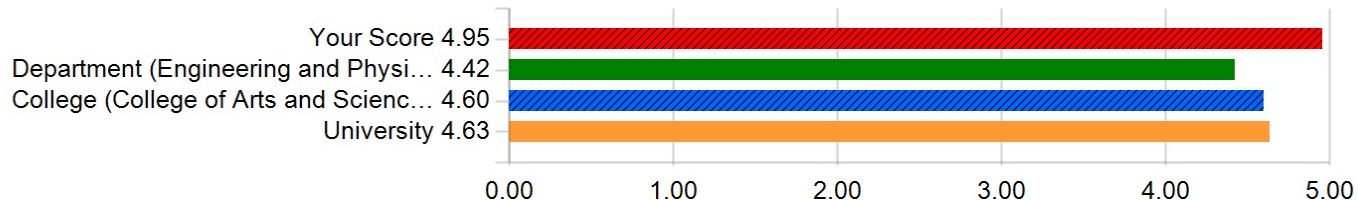
Instructor Questions: - Comparative Scores



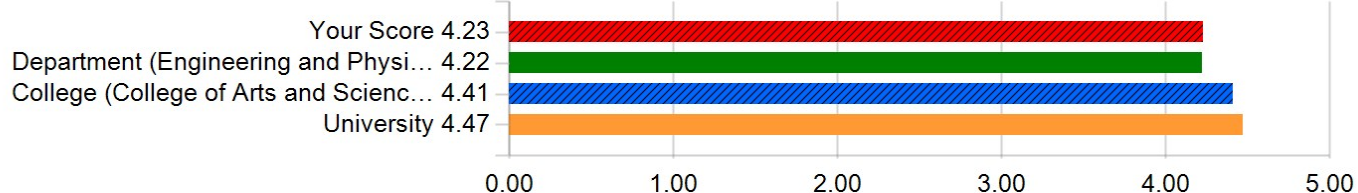
2. The instructor showed a genuine interest in the subject and a desire to share it with the students.



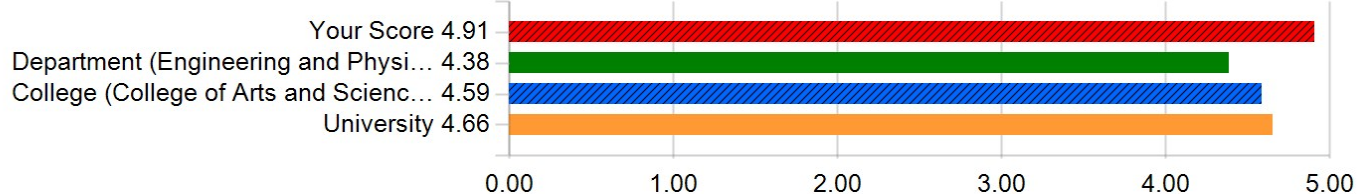
3. The instructor was well prepared for class.



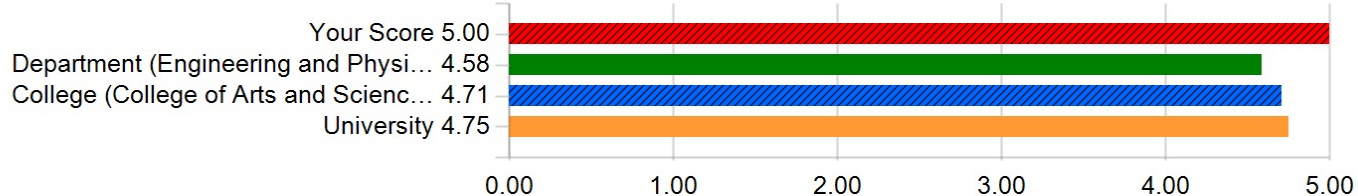
4. The instructor graded assignments and/or exams in a timely manner.



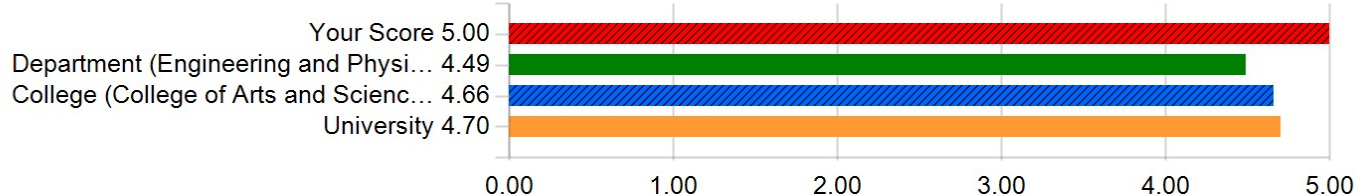
5. The instructor created a hospitable environment for learning.



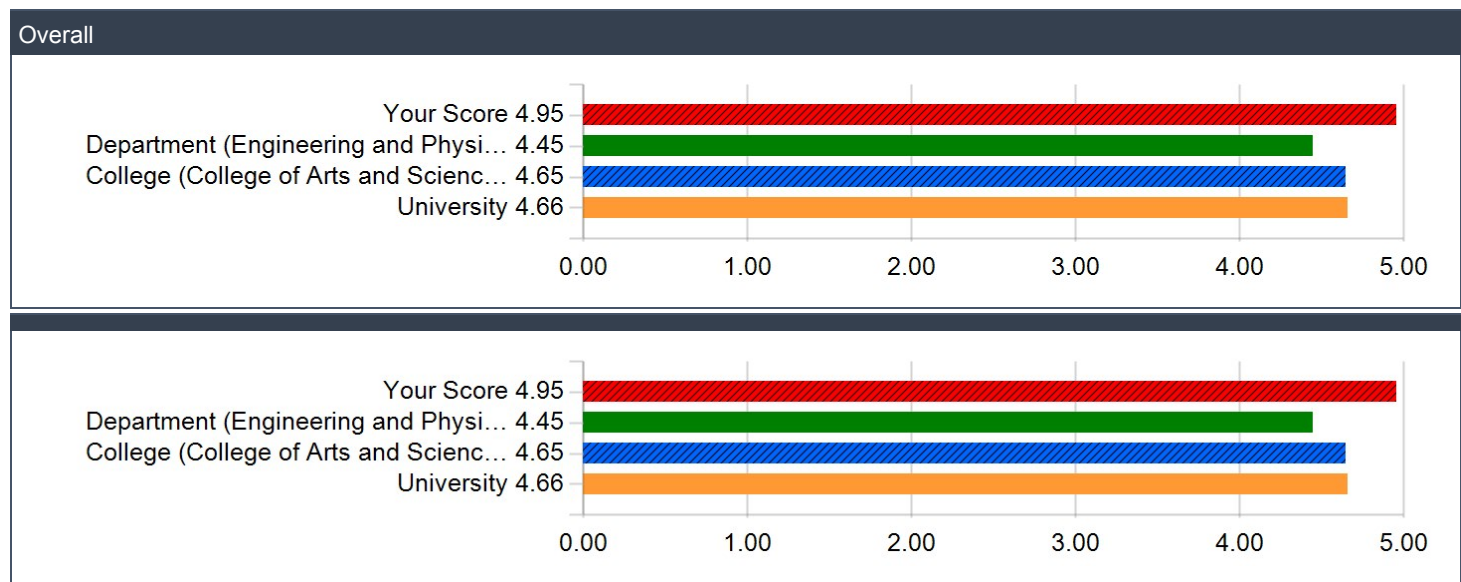
6. The instructor treated me with respect and fairness.



7. The instructor was receptive and responsive to my questions and concerns.



Instructor Accessibility During Online Instruction Period: - Comparative Scores



Rating scale questions, top and bottom ranks

Strengths			
1	The instructor showed a genuine interest in the subject and a desire to share it with the students.	Instructor Questions:	5.00
2	The instructor treated me with respect and fairness.	Instructor Questions:	5.00
3	The instructor was receptive and responsive to my questions and concerns.	Instructor Questions:	5.00
Areas for Improvement			
1	The instructor graded assignments and/or exams in a timely manner.	Instructor Questions:	4.23
2	As a result of this course experience, I have a better understanding of the subject matter.	Course Questions:	4.73
3	The instructor communicated the course material clearly.	Instructor Questions:	4.77

What did the instructor do that made the course effective? Be specific (for example: particular assignments, discussions, presentations, etc.).

Comments
The reading quizzes, how he divided a chapter up in three class periods, being super receptive to emails, having homework due every class period, and connecting with his students on a personal level are things that made this course effective.
I think the reading quizzes were effective because they caused me to think deeper about the material I had read, and gave me something to connect the information to for my memory.
Reading quizzes were very helpful for keeping up with the reading.
Dr. Drachenberg always made lectures interesting and engaging; he kept very fair policies, particularly during the online portion in regard to new protocols for testing.
Dr. Drachenberg was very enthusiastic about the material. He did a great job at making the material relative to the engineering field as well as every day applications.
Offering class notes before and after each lecture was really helpful!
Taught the materiel in an efficient way
I really loved all the teaching in this class. The teacher made the lectures amazing and showed true interest for the students learning the material, and finding enjoyment in physics.
The instructor conducted reading quizzes that allowed us to tell him exactly what we needed to cover in class the next day, and gave us plenty of opprotunity to voice our questions and concerns.
He was always prepared for class and presented subject clearly.
One thing that mad this course effective was the discussions we had. Often, if I was unsure about something, I could more times than not either have that problem resolved inside the classroom or amongst my classmates in which I learned how to work with very well.
The structure for each week helped me focus on each concept and study throughout the week before moving on.
I liked the demostration of the material in class and even the way you tried to demonstrate the concept during this online classes.
Using real–world examples, and other examples in class, such as the cart, and the bike wheel.
Very fun and enticing discussions over the concepts and mathematics. Moved from simple to more complex which is very easy to follow.
I could tell he really cared for us students
Going thru the powerpoints and talking/working thru problems step by step was very helpful.
He was very prepared and always took student questions. He was also generous with his time, allowing students to always ask more after class.
He did a great job explaining all the confusing things we learned and made the class fun even when we were all apart. The reading quizzes were also great because then he knew what he needed to cover more.
Massive amount of assignment(i don't enjoy the process itself but practicing is Supremely important)
The bi–daily reading questions, the (at first) tri–weekly homeworks, and the reception of the problems and issues of the class are impeccable. Dr Drachenberg is by far the best professor I've had during my brief time here at ACU.
The in–person demos made material easy to understand. Lecture slides helped as well.

What could the instructor do to improve the effectiveness of this course? Be specific.

Comments
There isn't anything I can think of.
The amount of homework was ridiculous, in my opinion. I think that having so much homework often caused me to rush through it and not really think about the concepts because I did not have any time to focus on it. This especially got worse when online classes started. I feel like two homeworks a week, or three shorter ones, would be better than the three longer homeworks because it would give students more time to think about the content and not just rush through the work to get a good grade.
Homework assignments were not graded in a timely manner, and it is only helpful to get them back graded before we are tested on that material. Otherwise they are not usable as study materials.
I only took one exam in class due to the transition online, but that test was very difficult to finish well within the class time limit. If we had stayed on campus, I think my grade would have reflected trouble finishing the exams in a timely manner. There was just so much to write and work through.
The homework could have been graded and returned back a little quicker, but it wasn't really a big deal because of the COVID-19 situation, I'm sure Dr. Drachenberg had his hands full.
Assignments seems little many and harder than we did in class. If they are graded as fast as to get them before test, it will be more helpful to prepare the test!
Go over tests and get homework back quickly
I think that the only thing that could be improved about the class is maybe discussion of the homework problems to ensure that students understood the material.
Very little. Our instructor was very good at giving us multiple ways of understanding the material, from powerpoint slides to in-class examples to textbook reading.
Maybe make class better by not doing same thing every class.
The professor could improve the effectiveness of the course by exposing us to more problems and questions that would be found on the test and in our homework. Although he had good things to say during our lecture hour, there multiple occasions where I felt what we had talked about in class had little if not anything to do with the problems we had in our daily homework assignments.
Enforce the notation used during the first 2 week throughout the entire course for better understanding of more complex variables later in the semester.
I think grading the assignment before we do the exams related to those chapters because they can help us to know what we do not understand in the chapter.
I had a hard time understanding how to solve problems when using integration.
I don't think there's much to be done.
Nothing for me!
Adding 5-10 minutes to the class might be helpful just to keep lectures from ending on an incomplete note.
N/A
Nothing
More detail? slow down if needed?
This is what peak performance looks like.
There was so much instruction and information for the students to take in and utilize (slides, homeworks, quizzes, etc) but if somehow there was a way to see/ go over the homework with correct answers.

Do you have additional comments about your experience in this course?

Comments
This was a tough class, but I learned a lot and I look forward to having Dr. Drach for EP 2.
Out of all my courses, I think Dr. Drachenberg did the best job transitioning to online classes. It definitely relieved some stress on me because I knew he was taking into account these unusual times.
Dr. Drachenberg was a wonderful professor. I liked that he started every class with a Bible verse that related somehow to the days material. Dr. Drachenberg did an amazing job at communicating the changes that took place due to COVID-19. I honestly can't say enough good things about this class and the professor. This was a weird semester for everyone, I know it must have been very difficult to make such changes and still be effective, but he made the hard situation better with his constant positive attitude. He would send emails to the class with words of encouragement. This is my second degree to pursue at ACU, so I have something to compare the ENGR/PHYS departments to. I hope that all these other students appreciate how professional and amazing this department is. Dr. Drachenberg is a prime example of what a professor should be. He not only cares about the material, he also cares about the welfare of the students. This class needed a Christian leader during this rough and confusing semester and that's exactly what this class had in Dr. Drachenberg. ACU should be proud to have faculty of his caliber.
I really appreciate every help from you!! It was awesome!
none
none
The professor was very kind and was often both very considerate of everyone and very flexible which is greatly appreciated.
Thanks for helping all of us through this semester, keeping us all on track and on board without tanking our grades too hard.