



Instructor Course Feedback for MATH 2210-006 Calculus III Spring 2021 (Hannah Hoganson)

Project Title: **Student Course Feedback**

Courses Audience: **41**

Responses Received: **18**

Response Ratio: **43.9%**

Report Comments

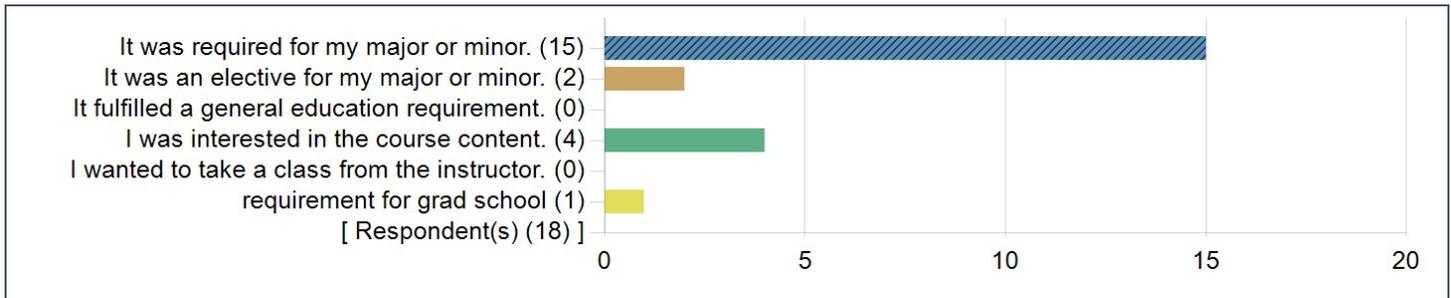
This is a standardized Student Course Feedback report approved by the Senate Advisory Committee on Student Course Feedback (SACSCF).

Visit ctle.utah.edu/scf/reports/instructor for help with this report.

Creation Date: **Wednesday, September 22, 2021**

Student Demographics

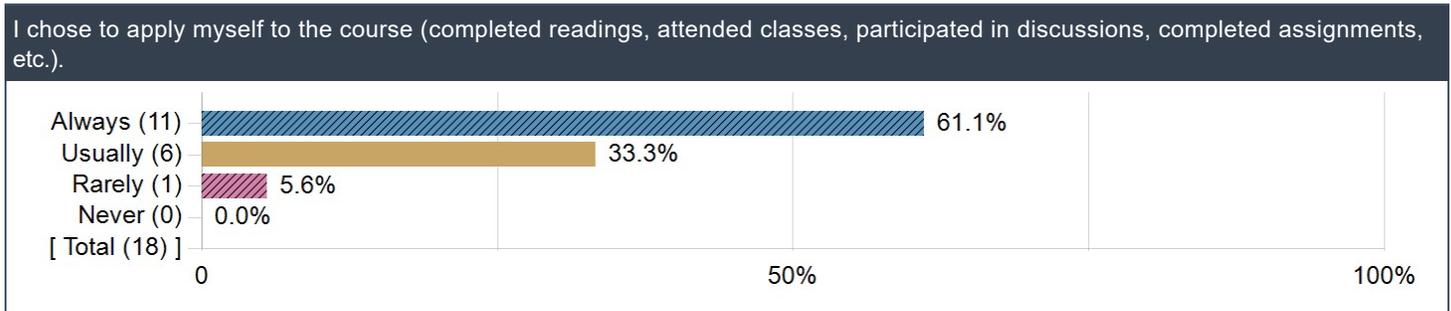
Why did you enroll in this course?



Please explain:

Comments
Required for my major
I am a Computer Science and Math double major. Calculus 3 is a required course for me to take.
Needed to take it for my degree

I chose to apply myself to the course (completed readings, attended classes, participated in discussions, completed assignments, etc.).

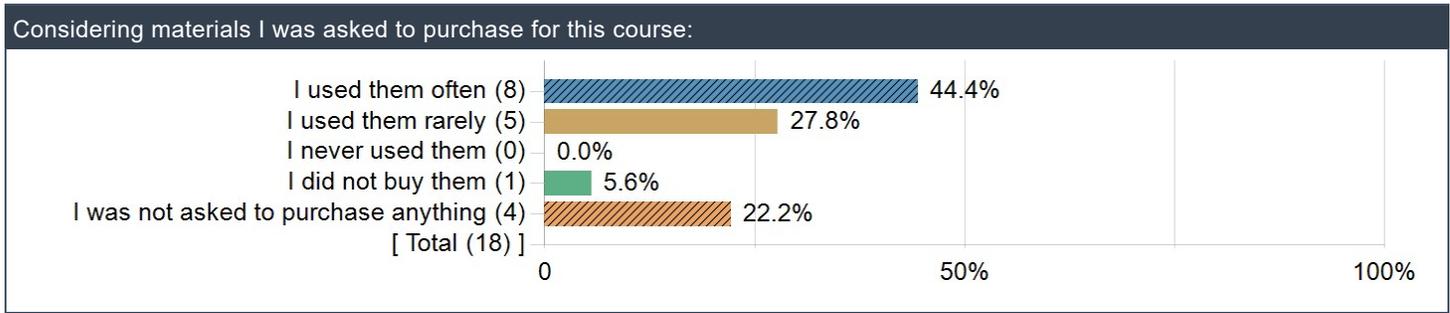


Please explain:

Comments
Spend about 4–6 hours on homework and studying for a test every week, with the test taking about an hour.
All the homework assigned felt like it had a purpose, so I wanted to complete all of it. Additionally, class time was always used valuably, so it felt important to attend.
This class was difficult but I always tried to keep up with the material.
If I can't attend class, I watch the lectures the same day. I complete all the practice exams and all required assignments. I spend a LOT of time in this class with the material. I even watch the additional lecture material links found on canvas.
Didn't have as much time to study as I would've liked
I overloaded my schedule this semester, and had some late nights where I would sleep in and miss morning lecture. The recordings on zoom were incredibly helpful.
Would unmute and participate in class and go to office hours and such

Course Materials

Considering materials I was asked to purchase for this course:



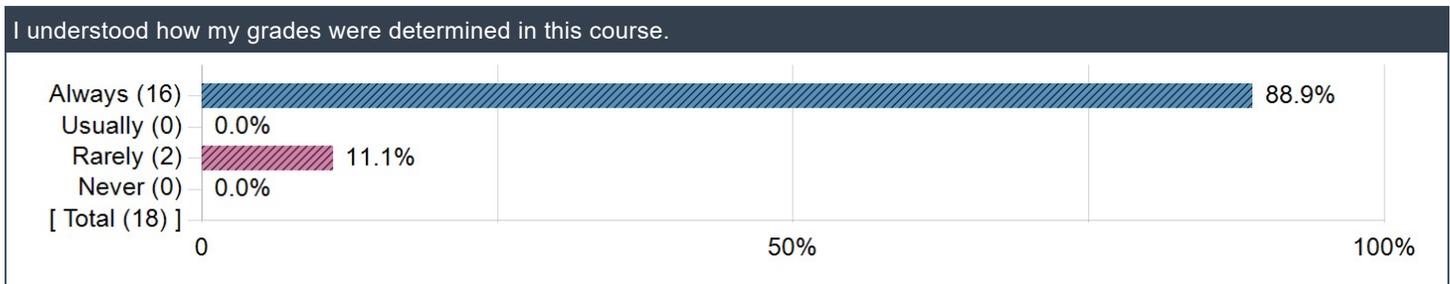
Please explain:

Comments

I found a pdf of the textbook and used it often.
We didn't do homework from the textbook
Often have to refer the book to learn and teach myself the content since it's not taught very well in class and homework barely correlate to problems in the book.
I had previously bought the textbook since it corresponds to various Calculus courses. For this course I didn't really ever refer to the book but that was to my own volition.
There's a textbook but it's free. If there's a problem I don't understand I look to the book to try and figure out some solution.
I peeked in the book for extra help from time to time
This was one of the few math classes I've taken where the book was used well with the material taught in class.
Used the book rarely but it was free so it was worth it

Grades

I understood how my grades were determined in this course.

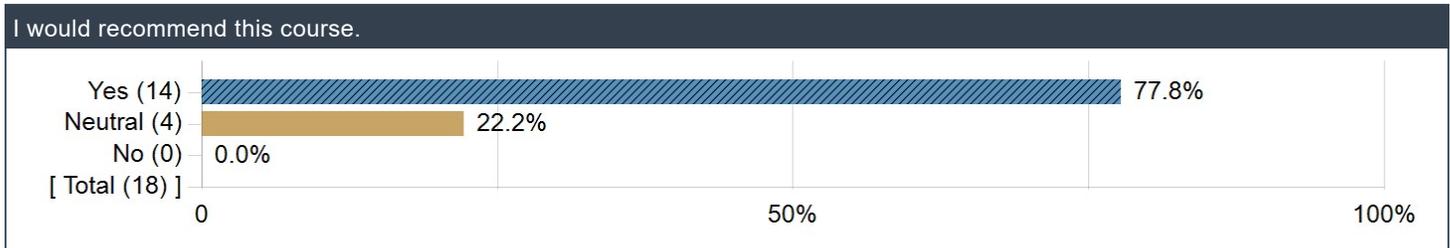


Please explain:

Comments
Mastery grading was new to me but the system was all explained well.
Mastery Grading is a cool concept but does not work and takes way to much time.
Professor Hoganson was great at explaining how she determined grades and the purpose behind those decisions.
The ELO's that were used in this course were incredible. I loved the grading system It was fantastic and very flexible and individualized.
I have no idea how this 0,1,2.25, and 3 grading scale on the exam works. I feel like there are only 3 possible grades you can get. A failing grade, C, or an A. The whole class is struggling with this and there are large portions of the class retaking the exam questions every single week. The biggest fault in this class is the grading scale being based on scores you receive on learning outcomes on the exam. Each exam covers 3 learning outcomes. You can receive a 0 for no mastery, a 1 for needs improvement, 2.25 for partial mastery (was 2 but because entire class was failing and exam averages are 60–65% always she changed it), and 3 for mastery. I'm not sure what each translates to but a 0 and a 1 are worth nothing/failing grades. 2.25 is around a low C, and 3 is an A. I have no idea how our grades are determined from this. As an example, we have 3 questions to determine our mastery in a learning outcome. Of these three questions, these were my scores on them: 6/6, 6/14, and 10/10. Of a total of 30 points, I got 22 of them. My score was a 1. Logically I would've thought that 22/30 points would at least be worth the 2.25 score. But I guess that's not the case even if I aced 2 of the 3 questions.
The grading system was easy to understand and wonderful.
I really liked the mastery grading style that Hannah used. I think it was really beneficial to making sure I actually retained information rather than just studying for one test and forgetting all the information the next day. The mastery grading style also relieved a lot of stress so that I could actually focus on learning the material rather than just worrying about the grade.
The Mastery scoring got some getting used to. Adding the 2.25/3 instead of the 2/3 was a great adjustment.
Hannah was very good at being transparent in grading and how our scores were weighted

Recommend Course & Instructor

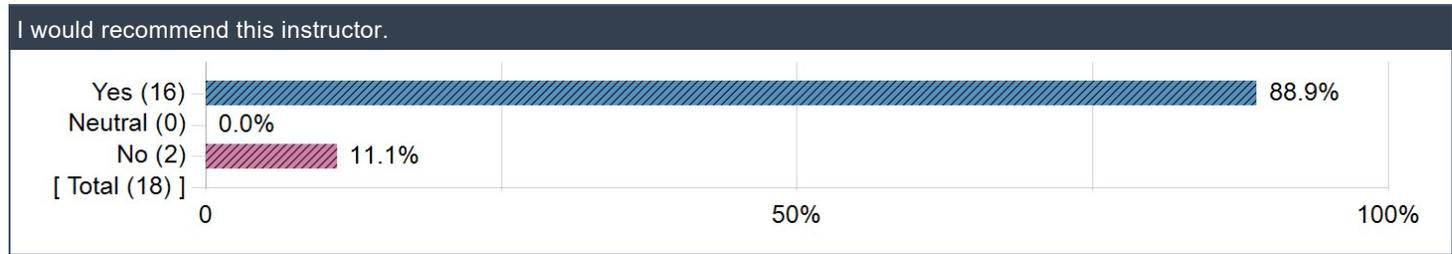
I would recommend this course.



Please explain:

Comments
I don't love calculus, but Hannah was a great instructor.
This is a pretty tough class, but if it's required for a major or an elective then you can get through it and be okay.
Very good math class I leaned more in this class than I did in calc 1 or 2.
Calculus iii felt applicable to my major, so I'd recommend it.
This course has a lot of great information and everything is very applicable to physical situations.
This class is required for a lot of people and the content is very helpful and really interesting to Engineering students. A must–take.
It was pretty cool
It was really cool to learn about the world as it is in 3 space.
Hannah was the best professor for calculus 3

I would recommend this instructor.

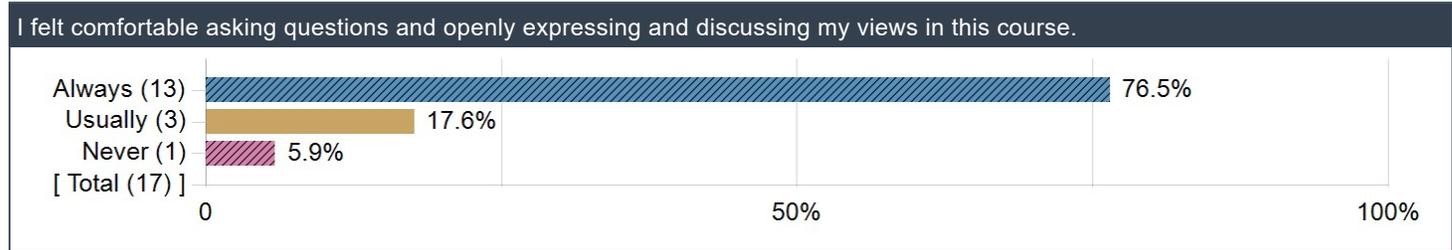


Please explain:

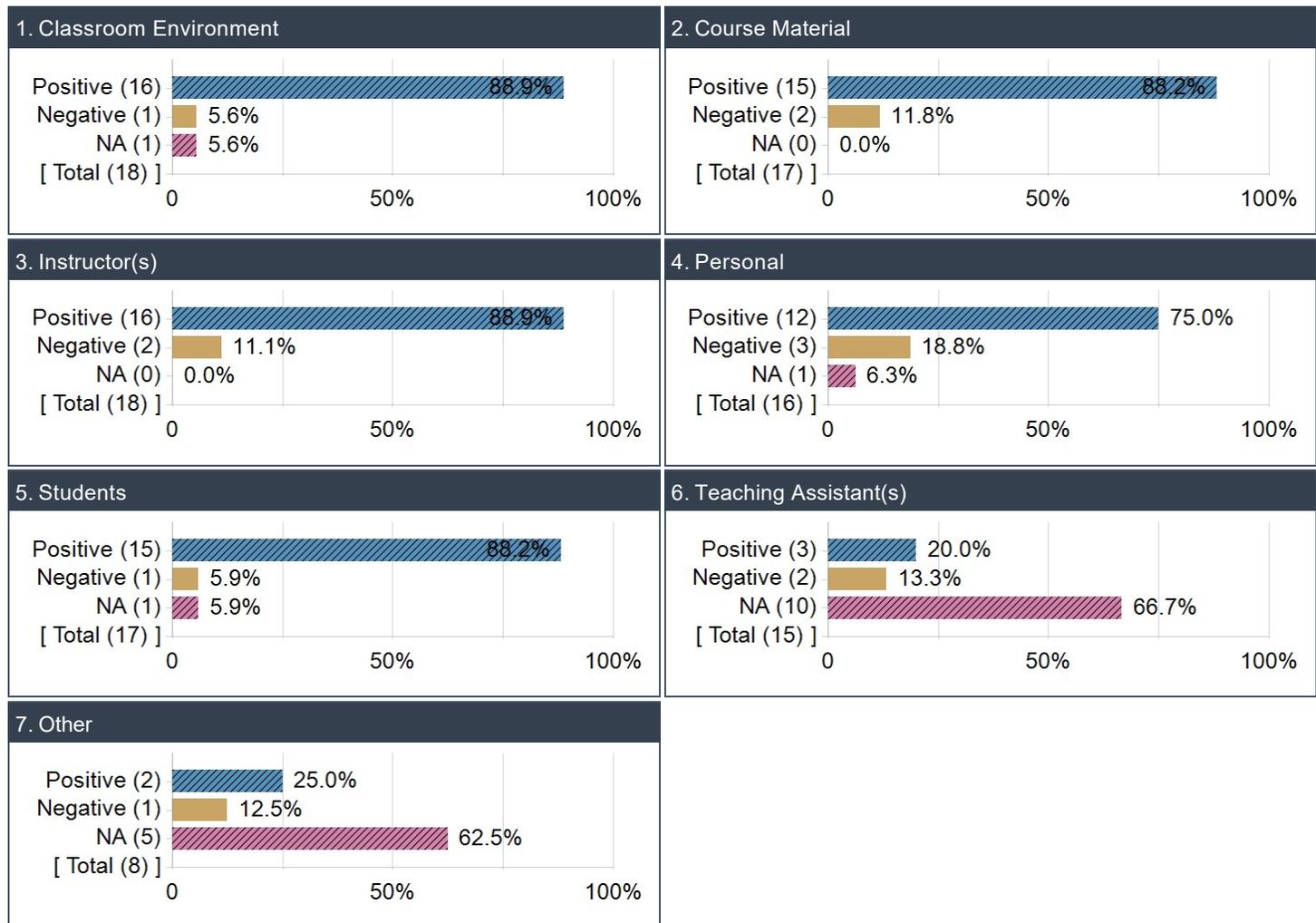
Comments
She uses mastery grading which utilizes the ability to go back and review to improve your score.
I was tentative at first, and Hannah gets easily frustrated, but she doesn't linger too long on unimportant things and is easily one of the most understanding, accommodating, and invested instructors I have ever had.
Hannah was definitely a great professor. She understood that this class can be difficult, and she put in 110% effort for our success and to make sure we understood the content and got good scores.
Very nice and approachable. also knows the content very well and explains effectively.
She has the ability to teach but, is often convoluted. Her grading is a bit odd and she expects perfection or you don't get points, technical writing should not be a requirement for a math class that is not 3000 or above this is a basic math class still.
AMAZING
I would highly recommend Professor Hoganson. She is one of the best math teachers/professors I have ever had. She cares very deeply about her students, and she does a great job at explaining concepts and answering questions. I feel as though I have understood more of the content in this course than any other math course I've take.
Hannah was an incredible instructor, she helped me so much. She did a lot of work for this class and for her grading system but it has helped me learn the material so much better than any other situation.
She uses her online resources well like her drawing pad and shows good examples. She does get behind on some material as well. Strange grading scale that is far from optimized. Because of this grading scale being so broken, she has allowed us to retake the mastery questions we have missed in the past every single Friday. However, the class has tried multiple times on most of them and if you get a bad score on one of the masteries, you then find yourself studying for the next exam, and the previous ones as well. The class becomes quite the time commitment. Looking at the grades, I have an above average score on all the masteries, and my grade in this class is a 71 percent...
Teaches very clearly. How testing and grading was done really worked for me
Hannah is a great instructor. She is personable and makes math approachable. She put in a ton of work into this course in order for her class to be successful and it shows. She was available for questions and was helpful throughout.
She cares about the students and is clearly dedicated to her job. An overall pleasant person and great teacher.
Hannah was always super approachable and did a very good job at presenting calculus in a way that was understandable. She also was great at managing the expectations of her students, and did not have unrealistic expectations for us when it came to workloads.
Professor Hoganson was an above and beyond teacher. She was engaging, created space for questions, and prioritized the success of her students. The way she structured her class was tailored to help her students learn and understand. The Mastery format and reassessments were especially useful during Zoom class, but I think many people would benefit from this structure in person.
She is not monotone, she is excited about what she is teaching, she understands how students work and how much stress they are under. She is young and understanding.

Asking Questions and Discussing Views

I felt comfortable asking questions and openly expressing and discussing my views in this course.



Which of these contributed to your answer?

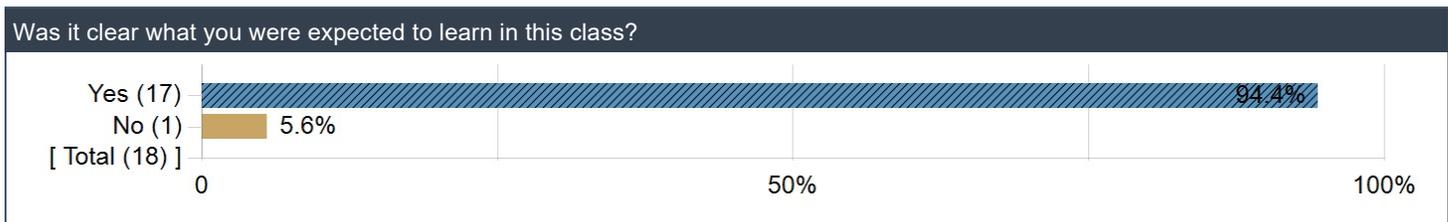


Please explain:

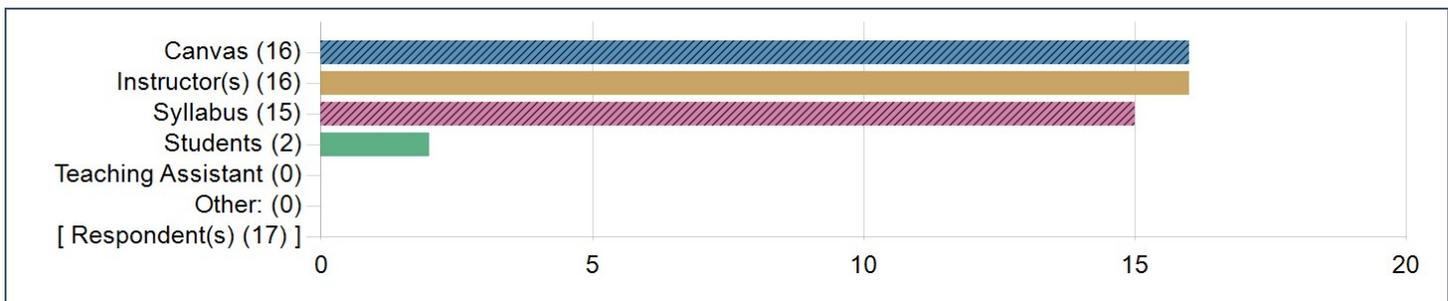
Comments
Amazing students to work with as well.
I reached out to her about this grading scale and concerns about the classes grades. She sent me a document about how to "study better." My grades in Math classes have always been great and I have never had bad study habits. I take advantage of all course material and have tutors explain me things all the time to make sure I understand. I spend my free time watching videos on math all the time. My study habits have gotten me great grades in the past. Her lack of a solid response to my concerns other than "you should learn to study better" was pretty sad considering the entire classes grades are suffering. She also takes a long time or doesn't respond at all on assignment feedback on canvas. I had to email her regarding a grade that was wrong and she took two weeks to get it figured out.
In general I feel uncomfortable speaking in zoom classes; I would've preferred to have it in person!
Professor Hoganson created a very safe space in her classroom, and the students who attended were all really nice as well. The material would get really confusing sometimes, and everyone seemed pretty open about being lost, which felt nice.
Never felt judged by asking a question in a class of 30+ people, Hannah was always super helpful and understanding.

Learning Objectives

Was it clear what you were expected to learn in this class?



If yes, how did you know this?

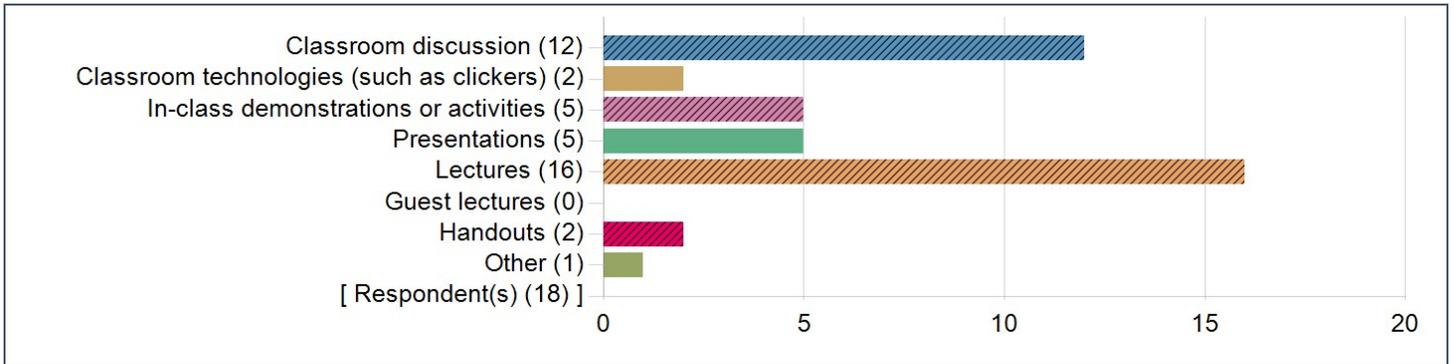


Please explain:

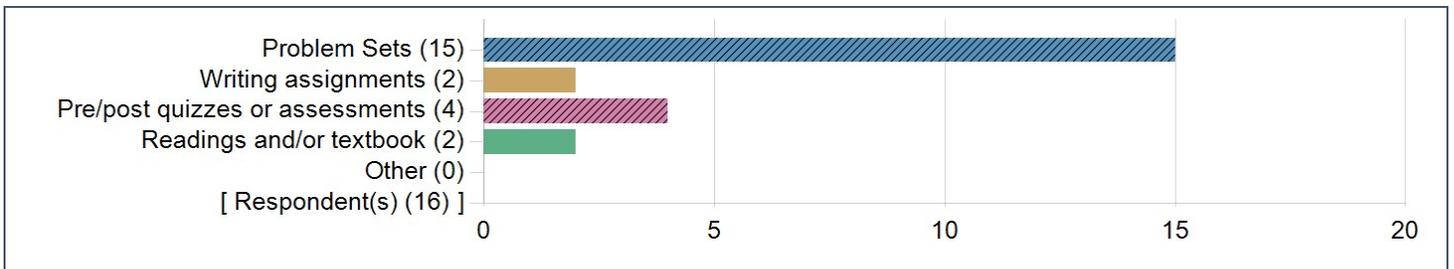
Comments
Expectations for learning were very clear. For every exam we had explicit "ELO"s (Essential Learning Objectives,) so I always knew what concepts I was supposed to be learning.
Everything was very goal-oriented and focused.
The learning outcomes are well outlined. How they are tested on is the problem.
There were clearly listed "learning objectives."
The Learning Objectives for each test clearly outlined what we learned in that section, and they were very helpful when studying.
Everything was outlined in the beginning of the semester and was reaffirmed throughout the semester.

Which of these were used in the course and helped you learn?

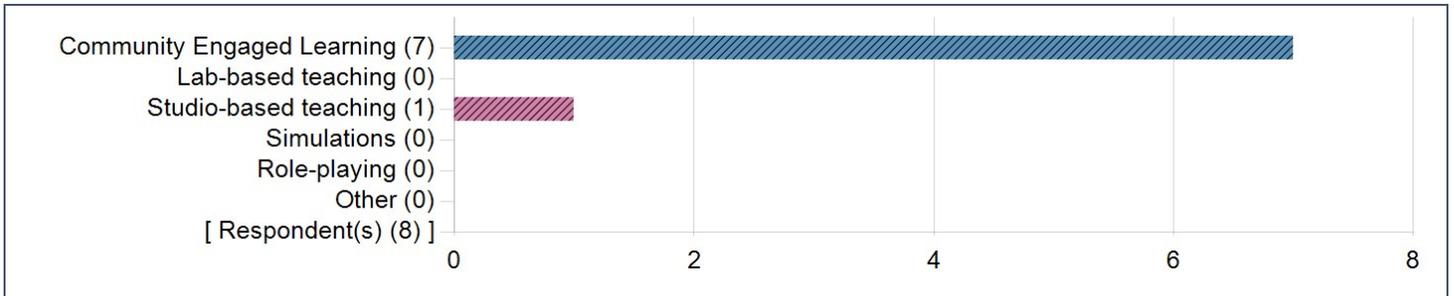
In-class Tools



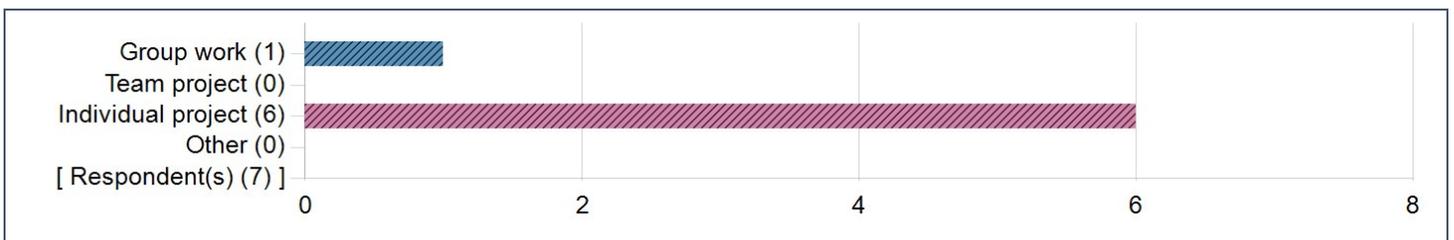
Readings and Assignments



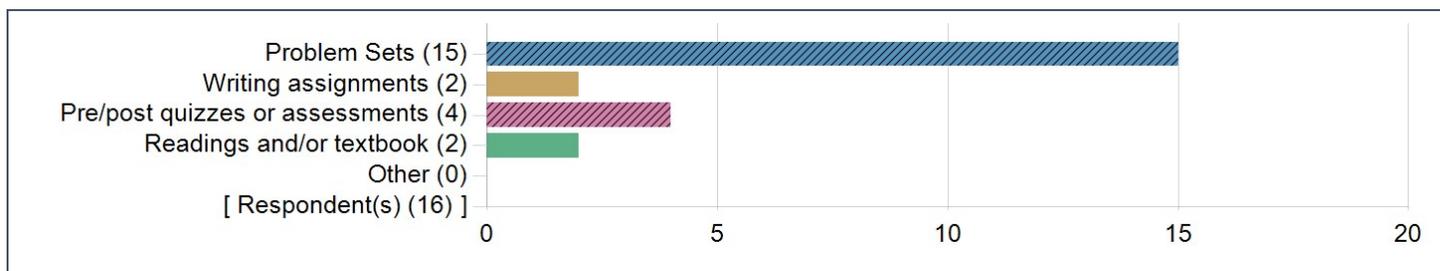
Experiential Learning



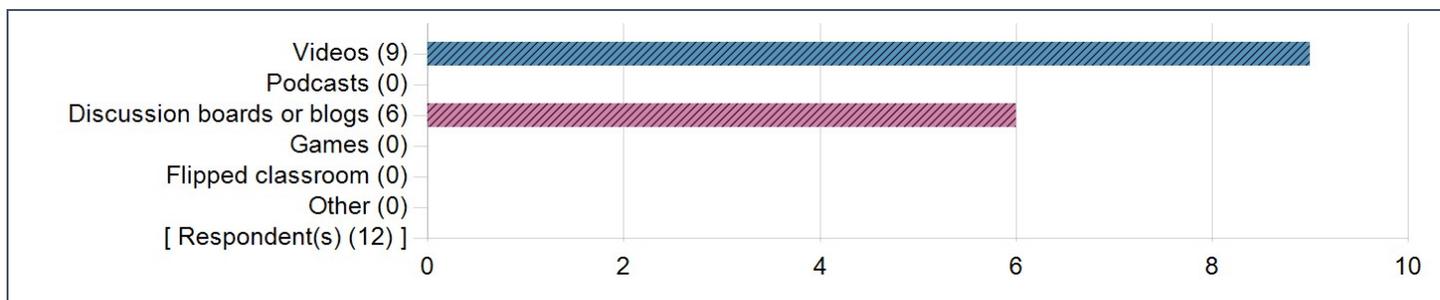
Student-based Projects



Readings and Assignments



Technology-Based Learning



Please explain:

Comments
I LOVED the ability to Rewatch the lectures and I OFTEN rewatched them. Even as we return to in-person classes, please find a way to record them.
Study guides and a couple of light homework assignments.
Mostly just watching the class lectures was plenty for me.
The lectures helped me learn the most, but the discussion posts, I often forgot to respond to. If there was a way to have a Zoom discussion, I think it would be more immersive – but I understand how hard it is to interact as a class online.
Office hours are the reason I learned so much.

Additional Comments

Is there anything else you would like this instructor to know?

Comments
Would highly recommend. She is willing to face extra work for herself, she wants her students to be successful
More references and WORKED EXAMPLES not discussed in class would be amazing.
I just really want to reiterate that Professor Hoganson was a really great professor and I her teaching style was also great.
The way she ran the class was effective. I think that mastery grading has improved my math skills and scores. I think that the frequency of exam retakes helped with my test anxiety.
Hannah is an amazing teacher. She really cares about her students, and I could tell she is passionate about teaching and really wants her students to succeed.
Professor Hoganson's use of mastery based grading greatly improved my experience in this class, and I feel like it enabled me to learn more than traditional grading schemes.
Hannah, Thank you so much for being an amazing instructor and for helping me out so much. Your grading system was perfect for calc III and I loved how your emphasized the importance of learning the material and not the timing. Thank you again.
Nothing that I haven't already.
taught very clearly, gave good feedback on test and hw.
Please continue to teach. The world needs good math teachers and you are one. Thank you for all the hard work you put in to this course to make us successful as learners.
I love your teaching style, grading system, and overall class setup.
Hannah was easily one of the best calculus teachers I've had in years. The way she laid down the expected learning outcomes before each test was super helpful. I really loved her teaching philosophy which was "It is more important that you learn calculus, rather than when you learn it." This was super helpful because it factored in when students could have bad days, and it really took a lot of stress off of tests. I would highly recommend her to any other student looking to take Calc 3.
I loved Hannah's teaching style she was so understanding and I feel like I had the chance to really learn a lot
Your course was the best one of my semester – even college career!
Hannah, you are truly the best person for this class because oh willing you are to work with and for the students. It's not just your way or the highway, you really do kind of put yourself on our level which is rare in teachers. Keep doing what you are doing!