

**2227C - Fall 2022 - LA - CMATHSTAT - GENERAL Survey**  
**2227C (2022)**

**Arizona State University**  
**UC**

<b>Course:</b>	MAT 251 72154 - Calculus for Life Sciences	<b>Department:</b>	CMATHSTAT
<b>Responsible Faculty:</b>	Brian England	<b>Responses / Expected:</b>	24 / 58 (41.38%)
<b>Overall Mean:</b>	<b>4.4</b> Cum GPA (20 responses) <b>4.0</b> Expected Grade (24 responses) <b>3.6</b> 5-Point w/ Neutral H-L (311 responses) <b>3.5</b> Grading (48 responses) <b>1.7</b> Class Standing (Fr,So,Jr,Sr,Grad) (24 responses) <b>1.3</b> Reason for course L-H (24 responses)		

CMATHSTAT Course Questions General Course Questions		MAT 251 - 72154									
		Responses (%)					Course				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
<b>Q1</b>	Assignments and/or examinations promote learning	9 37.5%	10 41.7%	3 12.5%	1 4.2%	1 4.2%	<b>24</b>	<b>4.0</b>	4	4	1.02
<b>Q2</b>	Class sessions are well planned	4 17.4%	8 34.8%	7 30.4%	2 8.7%	2 8.7%	<b>23</b>	<b>3.4</b>	4	4	1.14
<b>Q3</b>	The pace and level of the course are appropriate	6 25%	7 29.2%	7 29.2%	3 12.5%	1 4.2%	<b>24</b>	<b>3.6</b>	4	3,4	1.11
<b>Q4</b>	The course engages my interest	6 25%	3 12.5%	5 20.8%	8 33.3%	2 8.3%	<b>24</b>	<b>3.1</b>	3	2	1.33
<b>Q5</b>	I learned something that I consider valuable	6 25%	8 33.3%	6 25%	1 4.2%	3 12.5%	<b>24</b>	<b>3.5</b>	4	4	1.26

**Responses:** [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1

CMATHSTAT Course Questions General Course Questions		MAT 251 - 72154									
		Responses (%)					Course				
		A	B	C	D	E	N	Mean	Med.	Mode	Std Dev
<b>Q6</b>	Using A-E as grades, what is your overall rating of the course?	6 25%	6 25%	6 25%	4 16.7%	2 8.3%	<b>24</b>	<b>3.4</b>	3.5	3,4,5	1.26

**Responses:** [A] A=5 [B] B=4 [C] C=3 [D] D=2 [E] E=1

CMATHSTAT Student Demographic Questions Academic General		MAT 251 - 72154									
		Responses (%)					Course				
		F	S	J	S	G	N	Mean	Med.	Mode	Std Dev
<b>Q7</b>	What is your current class standing?	8 33.3%	15 62.5%	1 4.2%	0	0	<b>24</b>	<b>1.7</b>	2	2	.54

**Responses:** [F] Freshman=1 [S] Sophomore=2 [J] Junior=3 [S] Senior=4 [G] Graduate=5

CMATHSTAT Student Demographic Questions Academic General		MAT 251 - 72154								
		Responses (%)				Course				
		MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev
Q8	What requirement does this course meet for you?	21 87.5%	0	2 8.3%	1 4.2%	24	1.3	1	1	.79

Responses: [MR] Major Requirement=1 [RFC] Related Field Course=2 [GS] General Studies=3 [EGI] Elective (General Interst)=4

CMATHSTAT Student Demographic Questions Academic General		MAT 251 - 72154									
		Responses (%)					Course				
		A	B	C	D/E	O	N	Mean	Med.	Mode	Std Dev
<b>Q9</b>	What grade do you expect to earn for this course?	7 29.2%	11 45.8%	6 25%	0	0	<b>24</b>	<b>4.0</b>	4	4	.73

**Responses:** [A] A=5 [B] B=4 [C] C=3 [D/E] D/E=2 [O] Other=1

CMATHSTAT Student Demographic Questions Academic General		MAT 251 - 72154									
		Responses (%)					Course				
		3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q10	What is your current ASU GPA?	10 50%	8 40%	2 10%	0	0	20	4.4	4.5	5	.66

Responses: [3] 3.5+=5 [3] 3.0-3.49=4 [2] 2.50-2.99=3 [2] 2.0-2.49=2 [B2] Below 2.0=1









CMATHSTAT Faculty Questions Course Related Faculty Questions		Brian England									
		Responses (%)					Individual				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q11	The instructor's presentations are clear and understandable	9 37.5%	1 4.2%	7 29.2%	5 20.8%	2 8.3%	24	3.4	3	5	1.38
Q12	The Instructor makes clear what is expected of me in this course	11 45.8%	9 37.5%	1 4.2%	3 12.5%	0	24	4.2	4	5	.99
Q13	I have confidence in the instructor's knowledge of the subject	14 58.3%	3 12.5%	3 12.5%	4 16.7%	0	24	4.1	5	5	1.17
Q14	The instructor is helpful if the class has difficulty with the material	6 25%	4 16.7%	6 25%	7 29.2%	1 4.2%	24	3.3	3	2	1.24
Q15	I feel welcome seeking help from the instructor	7 29.2%	4 16.7%	6 25%	5 20.8%	2 8.3%	24	3.4	3	5	1.32
Q16	The instructor promotes effective class discussion	7 29.2%	3 12.5%	7 29.2%	4 16.7%	3 12.5%	24	3.3	3	3,5	1.37
Q17	The instructor conveys enthusiasm about the course	8 33.3%	4 16.7%	6 25%	4 16.7%	2 8.3%	24	3.5	3.5	5	1.32
Q18	The instructor's responses to written work are helpful	5 20.8%	6 25%	7 29.2%	4 16.7%	2 8.3%	24	3.3	3	3	1.21

Responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1

CMATHSTAT Faculty Questions Course Related Faculty Questions		Brian England									
		Responses (%)					Individual				
		A	B	C	D	E	N	Mean	Med.	Mode	Std Dev
Q19	Using A-E as grades, what is your overall rating of the instructor?	8 33.3%	5 20.8%	5 20.8%	3 12.5%	3 12.5%	24	3.5	4	5	1.38

Responses: [A] A=5 [B] B=4 [C] C=3 [D] D=2 [E] E=1

Question: What did you like about the course?	
Response Rate: 58.33% (14 of 24)	
1	none
2	The way professor teaches and the flow of the course.
3	The teacher, and the Pearson. it was helpful that I was able to attempt the problem multiple times
4	The professor made the effort to get the students comfortable and cared for their learning.
5	The pace it went at.
6	It was relatively simple.






7	I liked that this course used concepts learned in the beginning of the course throughout the rest of the course. I also liked the test layout.	
8	I liked that the instructor liked his job and taught the material well (as long as you were paying attention).	
9	I liked that I did learn some stuff.	
10	I like how he went over the homework with us and review	
11	I enjoy math in general, and this was my only math this semester so it was very engaging.	
12	Doing the homework problems in class.	
13	Differentiation was the topic that I liked the most in this course.	
14	Course was well taught	

Question:		What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate:		75.00% (18 of 24)
1	the math homework sometimes did not have example problems which mean if I missed something in my notes I would struggle and I couldn't do those problems before class.	
2	slowdown when teaching and show steps clearly. I find it better to over explain and really drill it into my head than skip over in manner.	
3	none	
4	This course is beyond unorganized. There was so little actual teaching. The instructor just did examples and told us if we knew what we were doing it would be easy. I am not doing well in the course and I have always exceeded at math. I am beyond frustrated whenever I leave the classroom.	
5	There wasn't really anything I disliked about the course. Although the room it was in probably had the most uncomfortable seats I've ever sat in. It also wasn't the best layout for the best learning and collaboration.	
6	There is nothing that I did not like about this course and no suggestions for this wonderful and most interesting class.	
7	The professor did not make many connections to life sciences, I was pretty disappointed because I was eager to apply calculus to my major. It is understandable as the professor is heavily engineering based, but it would have been appreciated to have support from someone knowledgeable in life sciences.	
8	The pacing was fast and the explanations were sometimes hard to grasp.	
9	The jump towards the end of the course, seems to go too fast.	
10	Professor did not teach with helpful explanations.	
11	Not enough opportunities or resources to succeed were provided. There was hardly any homework, and only three massive tests. I wish there was more to do as a student to get a better feel for how well I know the material.	
12	Not engaging	
13	I think that the teacher must simplify the concepts even more so that every one understand the concept	
14	I think there needs to be more materials to support students. Review sessions would be a great place to start.	
15	I think Brian England knows his stuff. However, I did feel he wasn't the greatest at really helping students retain the information. We'd be introduced to a new topic, and he just breezed through it like it was the easiest thing in the world. Everyone learns differently, and some take a little longer to get there. I wish he would "dumbed" things down a little more. Gone through more examples, and tried different ways to explain new material. Even though it is a calculus for life science course, and we aren't engineers, doesn't mean that this class isn't just as serious for us.	
16	I disliked that the teach was very confusing at times and that there was not more help on the canvas page. I had to result to learning the math on Youtube.	
17	I did not dislike any part of the course I think, everything about it was either good or fine. There is nothing wrong with the course, calculus is just hard.	
18	He doesn't give a lot of explanation and it is hard to keep going	

<b>Faculty:</b>	Brian England
<b>Question:</b>	What did you like about the instructor or the method of instruction?

<b>Response Rate:</b> 58.33% (14 of 24)	
1	taught well made sure everyone understood the topics
2	none
3	he was knowledgeable and knew what he was talking about, he ran the classroom well and was helpful when you needed help
4	Very knowledgeable concerning calculus, just not the application to life sciences, and provided many insights into solving problems.
5	The instructor provided proper knowledge about each and every thing by providing an example which I liked the most.
6	The instructor was good o=in showing his knowledge
7	My professor knew his stuff very well.
8	It was not intimidating.
9	I liked that the instructor liked to teach and that he taught the material well.
10	I liked how he explained it in his own way instead of going off a textbook or something like that.
11	I like the pace this course went by and how we would review for exams.
12	He tells each and every detail about the formulas and the concepts are very detailed. He is just awesome and his teaching methods are always so engaging. I would love to take another class from him.
13	He is easy-going and punctual.
14	Going over problems in the homework

<b>Faculty:</b> Brian England	
<b>Question:</b> What did you dislike about the instructor or method of instruction? Do you have any suggestions to improve instruction?	
<b>Response Rate:</b> 66.67% (16 of 24)	
1	none
2	going a bit too quick when explaining certain subjects. Although he had a great understanding of the topic it would be helpful to explain every step to really truly understand the topic however time might be an issue so I see how this might not be possible
3	The only thing I didn't like about this instructor was that he would go in a really fast pace to where you weren't really taking in what he was writing but more so just making sure you got it down.
4	The instructor must simplify the concepts to the grass root level
5	The instructor was good it was just his teaching that had me confused.
6	Sometimes the lectures were not in depth, nor did they apply to life sciences. Also, cursing isn't professional and I think it should be avoided in class.
7	NOT the professor you want to take if you want to learn calculus. He is condescending, discourages asking questions, and disorganized. He also expressed multiple times that he wished more homework was assigned, but never did anything to provide resources to help students succeed. Lectures had zero structure or organization. He does not speak clearly and moves too fast. He would repeatedly say things like "but you should already know this" or "this should come pretty easy to you" and then move on without further explanation. The reasons why we were learning specific subjects were never explained, nor how equations made sense. I genuinely feel that this professor does not have a good understanding of the principles of math, but only knows how to use equations, because that is all he taught his students. For about 60% of all lectures, he just went through homework problems that were assigned to us, not even coming up or finding different material from what the homework was to show in class.
8	N/A
9	N/A
10	It was really fast.

11	It felt as though when we were learning a new topic that it was being reviewed, not taught. It also seemed that for an introductory calculus class, he was using tactics that would only be used by someone "who has been doing these problems for years." I honestly felt disheartened by some of the things this professor would say in class. I think listening to students and their poor exam scores should be a good indicator to do something different within lecture; maybe slowing down, REALLY going over key concepts, and providing outside resources is a start.	
12	I did not dislike anything about the instructor or his method of instruction and have no improvements to suggest at this time.	
13	His method of teaching is catered towards engineers and people who just finished pre-calc. Many of us in the class had not taken pre-calculus since high school and we are sophomores. Taken some extra time to go over a few steps would have been extremely helpful.	
14	He is the best Math teacher and there are not suggestions.  However, I would thank him a lot for his wonderful teachings and his support.	
15	Condescending. Relied on examples and frequently did the work wrong. Did not teach!!!! SO FRUSTRATING	
16	Asking for help was an issue, he was somewhat condescending but on accident and would address this, but still somewhat intimidating when asking for help on a question.	