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

Course:	MAT 265 71613 - Calculus for Engineers I	Department:	CMATHSTAT
Responsible Faculty:	Brian England	Responses / Expected:	39 / 92 (42.39%)
Overall Mean:	 4.3 Cum GPA (36 responses) 4.0 Grading (78 responses) 4.0 5-Point w/ Neutral H-L (506 responses) 3.9 Expected Grade (39 responses) 1.1 Class Standing (Fr,So,Jr,Sr,Grad) (39 responses) 1.1 Reason for course L-H (39 responses) 		

					M	AT 265 - 1	71613						
	ATHSTAT Course Questions neral Course Questions		Re	sponses (%	6))					
		SA	Α	N	D	SD	N	Mean	Med.	Mode	Std Dev		
Q1	Assignments and/or examinations promote learning	22 56.4%	11 28.2%	5 12.8%	0	1 2.6%	39	4.4	5	5	.89		
Q2	Class sessions are well planned	16 41%	14 35.9%	5 12.8%	4 10.3%	0	39	4.1	4	5	.97		
Q3	The pace and level of the course are appropriate	16 41%	9 23.1%	10 25.6%	3 7.7%	1 2.6%	39	3.9	4	5	1.10		
Q4	The course engages my interest	17 43.6%	9 23.1%	8 20.5%	4 10.3%	1 2.6%	39	3.9	4	5	1.13		
Q5	I learned something that I consider valuable	20 51.3%	9 23.1%	10 25.6%	0	0	39	4.3	5	5	.84		

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

				MAT	265	- 716	13			
CMATHSTAT Course Questions General Course Questions		Resp	onses (%)					Course		
	Α	В	С	D	E	N	Mean	Med.	Mode	Std Dev
Q6 Using A-E as grades, what is your overall rating of the course?	15 38.5%	12 30.8%	8 20.5%	4 10.3%	0	39	4.0	4	5	1

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

					М	AT 265	- 71613				
CMATHSTAT Student Demographic Questions Academic General		Responses (S	%)			Course					
	F	S	J	s	G	N	Mean	Med.	Mode	Std Dev	
Q7 What is your current class standing?	34 87.2%	5 12.8%	0	0	0	39	1.1	1	1	.33	

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

				МА	T 265	- 71613											
CMATHSTAT Student Demographic Questions Academic General	Responses (%)						Course										
	MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev								
Q8 What requirement does this course meet for you?	38 97.4%	0	1 2.6%	0	39	1.1	1	1	.32								

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

				MAT	265	- 716	13			
CMATHSTAT Student Demographic Questions Academic General		Respo	nses (%)					Course		
	Α	В	С	D/E	0	N	Mean	Med.	Mode	Std Dev
Q9 What grade do you expect to earn for this course?	13 33.3%	11 28.2%	12 30.8%	3 7.7%	0	39	3.9	4	5	.97

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

				МА	T 265	- 71613	3											
CMATHSTAT Student Demographic Questions Academic General		Resp	onses (%)															
	3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev								
Q10 What is your current ASU GPA?	17 47.2%	14 38.9%	4 11.1%	1 2.8%	0	36	4.3	4	5	.78								

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

					В	rian Eng	land				
	THSTAT Faculty Questions se Related Faculty Questions		Res	ponses (%)				Individu	ıal	
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q11	The instructor's presentations are clear and understandable	15 38.5%	8 20.5%	9 23.1%	5 12.8%	2 5.1%	39	3.7	4	5	1.23
Q12	The Instructor makes clear what is expected of me in this course	19 48.7%	13 33.3%	5 12.8%	2 5.1%	0	39	4.3	4	5	.87
Q13	I have confidence in the instructor's knowledge of the subject	26 66.7%	8 20.5%	4 10.3%	0	1 2.6%	39	4.5	5	5	.87
Q14	The instructor is helpful if the class has difficulty with the material	16 41%	9 23.1%	9 23.1%	2 5.1%	3 7.7%	39	3.8	4	5	1.23
Q15	I feel welcome seeking help from the instructor	16 42.1%	10 26.3%	7 18.4%	2 5.3%	3 7.9%	38	3.9	4	5	1.23
Q16	The instructor promotes effective class discussion	15 38.5%	5 12.8%	11 28.2%	5 12.8%	3 7.7%	39	3.6	4	5	1.31
Q17	The instructor conveys enthusiasm about the course	17 43.6%	7 17.9%	12 30.8%	2 5.1%	1 2.6%	39	3.9	4	5	1.08
Q18	The instructor's responses to written work are helpful	15 38.5%	7 17.9%	14 35.9%	3 7.7%	0	39	3.9	4	5	1.02

 $\label{eq:responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1$

CMATHSTAT Faculty Questions Course Related Faculty Questions		Brian England									
		Responses (%)						Individual			
	A	в	с	D	Е	N	Mean	Med.	Mode	Std Dev	
Q19 Using A-E as grades, what is your overall rating of the instructor?	18 46.2%	10 25.6%	8 20.5%	2 5.1%	1 2.6%	39	4.1	4	5	1.05	

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

	Question:	What did	I you like about the course?	
R	esponse Rate:	84.62 %	(33 of 39)	
	i already kne	ew almos	t all of the stuff being taught	Q
:	2 Webwork			Q
:	B Webwork			Q
	We went ove homework, a	er the ma and the te	terial in class, the homework was due at a normal time (11:59 PM Sunday every week), the tests were fair and only were on stuff covered on the est schedule was clear.	Q
	5 Very inform	ative		Q
	6 Very fast-pa	ced and I	earning based. It draws your potential out of you.	Q

7	The teacher being direct about his teachings and him communicating how we are doing as a class	Q
8	The professor shows you how to the topic in a way that its easy to understand.	Q
9	The lectures	Q
10	The instructor is great and has pretty clear expectations and reasonable deadlines. The lecture goes beyond the material and he seeks to teach us the future implications and applications of our knowledge.	Q
11	The homework assignments are structured in such a way that you must learn the concept thoroughly and because of that, I actually got to learn something. I had done calc 1 and 2 during high school and I just learned how to get questions done. This course helped me actually understand concepts instead of just getting through questions.	Q
12	The course had lecture videos that allowed for outside-of-class learning and personal growth.	Q
13	Perfect explanations.	Q
14	Method of teaching	Q
15	Lots of practice	Q
16	It does what it needs to do.	Q
17	I thought the exams were the right amount of difficulty and I loved how the practice exams were truly fool proof. If you could do the test prep you could easily do the exams.	Q
18	I think professor England is great at giving sufficient examples and working through problems in class.	Q
19	I really liked Professor England and the way he is always up to go over anything you need help with. He would go over the homework assignment, specifically any problem you needed help on. I loved the review guides as well as the homework as it really helped me prepare for the tests. Professor England would also prepare us well for our exams.	Q
20	I really enjoyed the content and connecting concepts.	Q
21	I love to learn about math and I find Calculus to be a challenging and fun learning experience.	Q
22	I liked that the course was very clear about test schedules	Q
23	I liked that it was good for learning.	Q
24	I liked how there was online lessons so that if we didn't fully understand concepts taught in class (or didn't go to class that day) then we would still be able to get an understanding of those lessons through some means.	Q
25	I liked how if a student was lost the professor would help to get them back on track and re-explain topics if needed.	Q
26	I liked how Professor England related our teachings to future learnings and classes or real-life examples.	Q
27	I liked attending the lectures because I learned a lot from the professor's examples.	Q
28	I like the fundamental theorem of calculus	Q
29	I like that the teacher was willing to help.	Q
30	I like how many example problems we did	Q
31	I enjoyed the overall concepts that were taught and the strategies of getting there.	Q
32	I enjoy the content of this course	Q
33	Classes were well planned and the professor was clear about all the deadlines.	Q

Question: What did you dislike about the course? Do you have any suggestions to improve the course?

Response Rate: 79.49% (31 of 39)

sometimes skimmed over topics too fast	Q
it moved a little too fast for me	Q
Very fast paced	Q
There should be more concise video summaries of course topics within the canvas modules, (like the 10 minute khan academy videos) rather than the 30-60 min long explanation videos. It would help to get through missed content more efficiently.	Q
The provided extra lessons I mentioned in number 7 don't always explain all of the questions found in the homework.	Q
The homework was a little bit more difficult than necessary	Q
The course has 5 exams compared to the 4 for other courses.	Q
The actual lecture was difficult to learn from to a fault, way easier to just learn how to do the work online from sources like Khan Academy and Wyzant.	Q
Sometimes the pacing is a little too fast for me.	Q
Something I disliked was that when we would learn something new it wasn't as interactive as I'd want it to be. We would just take notes and that's it. It still is really helpful but I would have liked it to be more engaging.	Q
Something I would suggest for improvement is the way the class is taught. Oftentimes the teacher would speed through material which made it difficult to follow sometimes. I had taken calculus in high school so I was familiar with the material already, but for students who have never taken a calculus course before, I imagine it must have been even more difficult to follow along and truly have good understanding of the concepts. I also wish there were more assignments that went into the grade book besides exams.	Q
Perhaps he could try improving on making the notes more orderly so that it is easier to follow up	Q
One thing I dislike about the class are the exams. I understand that they are a check for understanding but I don't like how heavily weighted they are on our grades.	Q
Often I felt the actual teaching of the concepts moved too fast for me, but would be made up with the sheer amount of examples we did in class. For a few topics though, we didn't get to do many examples and I would often struggle with those.	Q
Nothing	Q
Nothing	Q
Nothing, Loved the course	Q
Nothing to dislike	Q
Nothing really	Q
No suggestions	Q
Instructor too rude to talk to. did not pose as helpful at all when i cam up with my questions. talked okay with locals, when i came up as an international student, his mood changed suddenly.	Q
I thought the lectures were a bit too fast, however that could be my own problem. I would like to have seen some actual office hours, instead of just showing up 30 minutes early to class.	Q
	Q Q
minutes early to class.	
minutes early to class. I think Professor England went a little fast through some examples. He didn't go through steps but rather solved it in his head and then wrote the answer. I felt that the content was given too fast and not explained thoroughly I would rather take more time on important concepts and slow them down then be three days	Q
minutes early to class. I think Professor England went a little fast through some examples. He didn't go through steps but rather solved it in his head and then wrote the answer. I felt that the content was given too fast and not explained thoroughly I would rather take more time on important concepts and slow them down then be three days ahead I didn't like the lack of extra credit, if you do badly on the test you have to do all the homework which is hard sometimes to complete it all do to the lack of	Q Q Q
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minutes early to class. I think Professor England went a little fast through some examples. He didn't go through steps but rather solved it in his head and then wrote the answer. I felt that the content was given too fast and not explained thoroughly I would rather take more time on important concepts and slow them down then be three days ahead I didn't like the lack of extra credit, if you do badly on the test you have to do all the homework which is hard sometimes to complete it all do to the lack of understanding. I didn't dislike anything about the course.	Q Q Q Q Q
	It moved a little too fast for me Very fast paced There should be more concise video summaries of course topics within the canvas modules, (like the 10 minute khan academy videos) rather than the 30-60 min long explanation videos. It would help to get through missed content more efficiently. The provided extra lessons I mentioned in number 7 don't always explain all of the questions found in the homework. The course has 5 exams compared to the 4 for other courses. The actual lecture was difficult to learn from to a fault, way easier to just learn how to do the work online from sources like Khan Academy and Wyzam. Something I dialked was that where we would be more engaging. Something I dialked was that where we would be more engaging. Perhaps he could try improving on making the notes more orderly so that it is easier to follow up Perhaps he could try improving on making the notes more orderly so that it is easier to follow up Chang I dialked about the class are the exams. I understand that they are a check for understanding but I don't when we would in class. For a few topics Chang I dialked about the class are the exams. I understand that they are a check for understanding but I don't when we would incluse. For a few topics Chang I dialked about the class are the exams. I understand that they are a check for understanding but I don't when we would in class. For a few topics Chang I dialked about the class are the exams. I understand that they are a check for understanding but I don't like how heavyli weighted they are on our grades. Nathing Chang I dialked about the class are the exams. I understand that they are a check for understanding but I don't like how heavyli weighted they are on our grades. Nathing I dialked about the class are the exams. I understand that they are a check for understanding but I don't like how heavyli weighted they are on our grades. Nathing I dialked about the class are the exams. I understand that they are a check for understanding but I don't like how heavyli wei

30 Exams

31 Course was structured well but I didn't learn much in class.

	Faculty:	Brian England							
Question: What did you like about the instructor or the method of instruction?									
Res	Response Rate: 82.05% (32 of 39)								
1	went throug	h the course at appropriate spe3ed	Q						
2	the way he teaches								
3	Webwork		Q						
4	Very clear and concise								
5	The instructor was able to capture the attention and interest of students. The instructor was fair to all students.								
6	One thing I I	iked about the instructor was how he went over the homework problems if we were struggling or he would go back and review a hard topic.	Q						
7	Loved the w	ay he explained things.	Q						
8	Instructions	about the deadlines were clear	Q						
9	I liked the pa	ace at which we went through the problems.	Q						
10	confidence.	rofessor. I have never had a math professor before that has taught me to attack math. It may sound odd but I feel as if I channeled Mr. England's His confidence in math and making it seem easy and not too big of a hurdle was great for me. I have had math teachers before that have taught me to be ath and I did not get this here. I also think that he adds in just the right amount of fun and jokes to make the lecture go by quickly.	Q						
11	l liked that t	he instructor was honest with the class and seems to know what he is doing.	Q						
12	2 I liked how he would go over the homeworks and reviews during lecture.		Q						
13		ne gave an option to watch pre recorded lectures, because I personally learn better watching online lectures because I am able to pause and replay things I stand without holding the classroom back.	Q						
14	I liked how t	he Professor England would go over any questions that we had on specific problems.	Q						
15	l liked how F help.	Professor England was always up for helping us in whatever we needed. He would do problems before class, he would stay after, and he would always try and	Q						
16	I like that he was very knowledgeable, and also showed us other things such as MATLAB to give us real world use cases for the material we were learning. He also made sure to explain that a lot of the information would be very useful for future engineering courses.		Q						
17	I like that he sends out a "Weekend Update" email every Friday to remind us of homework due dates and upcoming exams.		Q						
18	I like that he	e would do the work on the board to help us with a homework problem.	Q						
19	I like how th	e instructor would have dedicated days to discussing problems with homework	Q						
20	I like how he	e did the examples from webwork as a way to show how to do the problems	Q						
21	I like how he	e was always open to helping student who where confused	Q						
22	He makes fi	un conversations, yet finishes all of the assigned topics in a timely manner.	Q						
23	He knows what he's doing, and InScribe is very useful when he answers the questions. He's nice, but fair, he doesn't do bs extra credit, and while that would be helpful to my grade, he cares more about us putting in the effort to learn now, rather than being spoonfed and then eating pavement when we get to Calc 2 and 3.								
24	He knew wh	at he was talking about	Q						
25		ight-to-the-point kind of guy and once he hits his points he goes beyond to teach and relate the course material to complimentary future courses we as ill see down the line. His demands and expectations are clear cut and his syllabus is exact to the course and deadlines are reasonable.	Q						

Q Q

26	He is a fair grader and is very honest about what the class is and what we need to do to succeed.	Q
27	He explains the step of resolving the problems with clarity.	Q
28	He did lots of practice	Q
29	He conveys the steps to solve problems pretty well. Tests reflect homework	Q
30	Everything	Q
31	Doing homework problems and study guide problems in class.	Q
32	Attending class is not mandatory	Q

Faculty:		Brian England				
	Question:	Question: What did you dislike about the instructor or method of instruction? Do you have any suggestions to improve instruction?				
Res	sponse Rate:	79.49 % (31 of 39)				
1	very rude. no	ot approachable. must be welcoming and forthcoming. these qualities not found at all.	Q			
2	sometimes	his explanations were overly complicated and extrememly difficult to understand	Q			
3	nothing		Q			
4 again material was delivered too quickly		ial was delivered too quickly	Q			
5		s have no structure, it's very difficult to learn anything from them whether you're paying attention or not just because he goes so god damn fast. While he is uctor in principle, in practice, when you're in the lecture, it's nearly impossible to follow along with the lecture.	Q			
6	The instruct	or moved fast and did lots of practice examples without explaining the theory behind the subject well.	Q			
7	The instruct	or had no flaws in my opinion.	Q			
8	Teaches a l	ttle too fast using little feedback from students	Q			
9	Sometimes	the method of teaching can get mundane and overwhelming especially when the pace is very fast and not everything is explained.	Q			
10	Rambled on	about unrelated class stuff before the lecture, and made it hard to tell when the lesson started. Went too fast.	Q			
11	attitude or s problem or i should know him. Even th	ngland always made it known that we were an inconvenience to him and kind of bullied students when they asked questions. He always had a snarky arcastic tone when addressing other students in the classroom and would tell them they should already know the material. When asked to review a material, he makes the student feel bad about asking a question. And when a student is brave enough to ask, after every step, he likes to say, "which you a already", which feels like an excuse from actually teaching us the material. He also goes on tangents a lot so it's difficult to pay attention and learn from lough I attend class, I wasn't able to retain any information and had to teach myself the material from the textbook and YouTube. I understand that this s first semester back from online teaching and that he is still grieving over his wife, but I don't believe he is a good fit for this position.	Q			
12	One thing th	at I disliked was how fast he went with the notes. Sometimes I did not take much notes because it was all review.	Q			
13	Once again	I wish the notes were more interactive. I wish that when we were learning new things we could do more practice problems instead of just taking notes.	Q			
14	Nothing		Q			
15	Nothing		Q			
16	Nothing		Q			
17	Nothing.		Q			
18	Notes are n	ot provided	Q			
19	No suggesti	ons	Q			

20	N/A	Q
21	Moves a bit fast but he is always open to post and pre-class discussion.	Q
22	I would suggest that he take more time explaining certain concepts so that students can actually grasp the material.	Q
23	I just thought the flow of the class was a bit fast.	Q
24	I feel as if he is a little harsh to people that ask questions during the lecture. I mean they are just trying to get clarification and he makes them look really dumb. Even if the question is dumb he should be little more professional about it.	Q
25	I didn't like the pace at which the instructor went, I felt that he skipped over a lot of steps and did most of the problems in his head.	Q
26	I didn't like that he would overly complicate the homework sometimes. I also didn't like that at one point, he would do the homework since I don't learn much by doing that.	Q
27	I didn't dislike the instructor. I thought he was good.	Q
28	I did not like how quickly the instructor moved. I would suggest the instructor elaborated more on his process with simplifying	Q
29	Honestly, he's perfected his teaching style over a decade, and I have no negative feedback for the class. He does not like when students take photos of his notes on the projector, however, it's not necessarily a bad thing, I was just confused as to why.	Q
30	He skimmed over topics very fast and explanations were sometimes too short that I couldn't really grasp them	Q
31	He may not go into further detail over a problem	Q