Course: MAT 267 75852 - Calculus for Engineers III	**Department:** CMATHSTAT
Responsible Faculty: Brian England	**Responses / Expected:** 25 / 56 (44.64%)

Overall Mean:
4.6 Cum GPA   (24 responses)
3.8 Expected Grade   (25 responses)
3.6 5-Point w/ Neutral H-L   (325 responses)
3.6 Grading   (50 responses)
1.2 Class Standing (Fr,So,Jr,Sr,Grad)   (25 responses)
1.0 Reason for course L-H   (25 responses)

CMATHSTAT Course Questions
General Course Questions

	MAT 267 - 75852									
	Responses (%)					Course				
	SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q1 Assignments and/or examinations promote learning	8 32%	11 44%	4 16%	0	2 8%	25	3.9	4	4	1.09
Q2 Class sessions are well planned	6 24%	11 44%	4 16%	2 8%	2 8%	25	3.7	4	4	1.16
Q3 The pace and level of the course are appropriate	6 24%	9 36%	7 28%	1 4%	2 8%	25	3.6	4	4	1.13
Q4 The course engages my interest	6 24%	11 44%	3 12%	4 16%	1 4%	25	3.7	4	4	1.12
Q5 I learned something that I consider valuable	7 28%	10 40%	5 20%	2 8%	1 4%	25	3.8	4	4	1.06

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 267 - 75852									
	Responses (%)					Course				
	A	B	C	D	E	N	Mean	Med.	Mode	Std Dev
Q6 Using A-E as grades, what is your overall rating of the course?	5 20%	11 44%	5 20%	2 8%	2 8%	25	3.6	4	4	1.13

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

CMATHSTAT Student Demographic Questions
Academic General

	MAT 267 - 75852									
	Responses (%)					Course				
	F	S	J	S	G	N	Mean	Med.	Mode	Std Dev
Q7 What is your current class standing?	20 80%	5 20%	0	0	0	25	1.2	1	1	.40

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

CMATHSTAT Student Demographic Questions
Academic General

	MAT 267 - 75852								
	Responses (%)				Course				
	MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev
Q8 What requirement does this course meet for you?	25 100%	0	0	0	25	1.0	1	1	0

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 267 - 75852									
	Responses (%)					Course				
	A	B	C	D/E	O	N	Mean	Med.	Mode	Std Dev
Q9 What grade do you expect to earn for this course?	10 40%	5 20%	7 28%	2 8%	1 4%	25	3.8	4	5	1.16

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 267 - 75852									
	Responses (%)					Course				
	3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q10 What is your current ASU GPA?	15 62.5%	9 37.5%	0	0	0	24	4.6	5	5	.48

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	5 20%	12 48%	2 8%	3 12%	3 12%	25	3.5	4	4	1.27
Q12 The Instructor makes clear what is expected of me in this course	8 32%	15 60%	1 4%	0	1 4%	25	4.2	4	4	.83
Q13 I have confidence in the instructor's knowledge of the subject	15 60%	5 20%	4 16%	0	1 4%	25	4.3	5	5	1.01
Q14 The instructor is helpful if the class has difficulty with the material	7 28%	4 16%	6 24%	4 16%	4 16%	25	3.2	3	5	1.42
Q15 I feel welcome seeking help from the instructor	6 24%	5 20%	3 12%	5 20%	6 24%	25	3.0	3	1,5	1.52
Q16 The instructor promotes effective class discussion	5 20%	5 20%	5 20%	5 20%	5 20%	25	3.0	3	1,2,3,4,5	1.41
Q17 The instructor conveys enthusiasm about the course	7 28%	10 40%	5 20%	0	3 12%	25	3.7	4	4	1.22
Q18 The instructor's responses to written work are helpful	5 20%	10 40%	6 24%	2 8%	2 8%	25	3.6	4	4	1.13

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 32%	8 32%	4 16%	1 4%	4 16%	25	3.6	4	4,5	1.39

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:	76.00% (19 of 25)

1	its pretty straight forward once you understand the material.
2	The vast resources that were provided to help out some struggling questions and concepts. Prof. England's humor sometimes too.
3	The professor seems to know all of the course and some tips and tricks for making life easier.
4	The course material was interesting, and the subject matter directly pertains to my major.
5	Providing online vedioes
6	Pace of learning new material

7	Overall was very interesting when I understood what was being taught	🔍
8	Nothing	🔍
9	Nothing, England rushed through every lesson and patronized students who asked what he perceived as stupid questions. His due dates were always changing and the review and homework material was not reflected by the exams.	🔍
10	It's just your average math class.	🔍
11	I love the topic of 3d math.	🔍
12	I liked the real-life applications of the course to engineering and the foundational element it plays in understanding engineering concepts. The use of WeBWork to provide practice was also effective.	🔍
13	I liked the different strategies and methods provided by the course to solve different problems in multivariable calculus.	🔍
14	I liked that everything was planned out from the beginning and there was supplemental material that was available online to help with learning. I also like that partial credit is available for tests.	🔍
15	I liked England's teaching style of introducing a topic in its broadest form, then specifying its use through examples.	🔍
16	I like that the homeworks are due at the same time every week.	🔍
17	I enjoyed learning rigorous math topics. I enjoyed challenging myself.	🔍
18	I appreciated that we were given lots of resources to learn the course material and practice.	🔍
19	He explained everything well	🔍

Question:	What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate:	76.00% (19 of 25)

1	the homework was not a reflection of the test. Sometimes the homework didn't really help	🔍
2	the class time is too early.	🔍
3	There were times where I was lost and didn't feel comfortable for asking for help because of the way the teacher responds.	🔍
4	There isn't anything major that I disliked about the course as a whole, but minor things, such as an occasional problem with content pacing or the presentation of the content, were troublesome. To improve these issues, slowing down the pace of lecture and the topics covered, may help.	🔍
5	The tests should be all free response, as Calc 3 just has too many steps in each problem.	🔍
6	Nothing.	🔍
7	Nil	🔍
8	I wish he would teach a little more because the pacing seems a little fast.	🔍
9	I thought that the course moved a little too fast, and it was often difficult to keep up with such a large amount of content. I would have appreciated being able to keep a page of notes during exams, as it was difficult to memorize so much content for each exam. Also, the lectures moved too fast, and the instructor didn't encourage questions or any sort of feedback from the students.	🔍
10	I feel as though it could be a little more interactive as the ideas we learn are comparable to a science class. A suggestion could be some sort of recitation for the course.	🔍
11	I disliked the uneven pace of the class, somedays we would cover large amounts of content and others we would spend a lot of time on seemingly unimportant work.	🔍
12	I disliked some of the testing structures. It seemed like each test had a different format.	🔍
13	I dislike that the class is at 7:30 in the morning and that after Webwork there is not really that much additional practice material that can be used to practice more.	🔍
14	I did not like that my professor made our midterms all free response while, to my knowledge, every other calc 3 class got a mix of both.	🔍

15	I did not like the pace of the class. The assignments were appropriate for preparation for tests. Although it seems like this class should have been a 3 day per week type of class. It all felt rushed and I felt like I didn't have time to actually learn.	🔍
16	Homework problems were a bit difficult, sometimes harder than the problems on the test	🔍
17	Everything. England needs to slow down, be more courteous to students needs, stop spending so much time talking about his personal life, conceptualize the topics, and plan lessons further ahead of time so students know what they're learning and when.	🔍
18	Didn't support questions as well	🔍
19	7:30am classes.	🔍

Faculty:	Brian England
Question:	What did you like about the instructor or the method of instruction?
Response Rate:	80.00% (20 of 25)

1	none	🔍
2	knowledgable and wants students to succeed	🔍
3	Very thru-rough with explanation	🔍
4	Using a platform for students to reach out to the professor or other students for help with homework.	🔍
5	The way he explained concepts.	🔍
6	The professor is clearly knowledgeable of the course information, as he has been teaching the content for a number of years. He also always has an answer to questions brought to him, and has never failed in solving a Calc 3 problem brought to him.	🔍
7	The instructor goes over a lot of examples in-class.	🔍
8	Nothing	🔍
9	Nothing	🔍
10	I liked that the professor used WeBWork problems as examples in his lecture. They seemed to effectively convey what is expected in the homework while explaining the concepts at the same time.	🔍
11	I liked the use of examples of how the topics we are learning apply to real life.	🔍
12	I liked that everything was laid out at the beginning of the semester and that partial credit is available for tests and is graded fairly for everyone.	🔍
13	I like his engagement with the class through the use of InScribe, where students can ask questions to get help on homework.	🔍
14	I appreciated all the problems being worked on throughout class.	🔍
15	I appreciated the example questions from the homework that we went through as a class during lecture.	🔍
16	His straight-forwardness, dives into the topic without hesitation. Also, his humor when teaching, which made me go to class to enjoy it.	🔍
17	He was very good at visualizing the concepts and was able to draw graphs really well. Also, a very lenient grader tried his best to give out partial points for small mistakes.	🔍
18	He was always understanding and showed multiple different methods of evaluation in every topic we learned.	🔍
19	He is clearly very knowledgeable.	🔍
20	Absolutely nothing.	🔍

Faculty:	Brian England
Question:	What did you dislike about the instructor or method of instruction? Do you have any suggestions to improve instruction?
Response Rate:	84.00% (21 of 25)

1	nothing	🔍
2	none	🔍
3	feel distant to professor due to the lecture format of the class	🔍
4	The instructor is hard to approach because he comes off as condescending when you need help.	🔍
5	The instructor never asked for feedback from the class and went through the material too quickly, which discouraged questions and prevented us from really understanding the content. I often felt lost during lectures even though I payed attention and always took notes.	🔍
6	Sometimes fast	🔍
7	Nothing.	🔍
8	Nothing.	🔍
9	Nil	🔍
10	It felt like everything was very rushed and felt like it was up to me to learn from the content online instead of the in person lectures because the instructor seemed to speed through examples rather than teach the concepts of the math we did. The lectures were not at all necessary as I did not learn anything from attending them. Everything I learned was from the posted videos or videos I found myself. I understand people learn differently as some people may have benefited from the examples, but that was the only way he taught and it made it difficult for me to learn. While the instructor did verbally encourage asking questions, I did not feel comfortable asking questions because the instructor made it seem like an inconvenience to them.	🔍
11	I disliked the frequent fast pace and little focus on the underlying concepts during lecture. Slowing down and explaining more often with more detail what an equation or mathematical operation does, may help.	🔍
12	I disliked that everything was kind of rushed and the teacher was kind of mean to people based on the questions that were asked.	🔍
13	He wouldn't let students take pictures of the notes on the board, he changed the format of the tests to be all free response and he would usually get annoyed when people asked questions	🔍
14	He would consistently make mistakes and instead of correcting them say something to the extent of "you guys get the point" and move on. You indirectly call us stupid if you asked any question and then proceeded to not answer it. Would rudely call out people for no reason, for example telling a guy that he should shave before taking giving us a test. Would not stop talking during a test and would make fun of us for taking all of the allotted time. He was generally a rude person and made the classroom environment very hostile. He would consistently complain about how the course coordinator was outlining the curriculum, saying he would do so much better but making no attempt to fix it. Also, didn't even give us office hours, just told us to come before class and if we couldn't it was because we were lazy.	🔍
15	He frequently starts talking about the applications of a concept to physics or some other aspect of engineering instead of just explaining the concept. I understand that there is a lot of overlap but I wish he would explain the calculus first.	🔍
16	He does not clarify what he is going over and does not really use a visual aid. He also just goes too fast for most of the class as I have noticed half of the class does not show up.	🔍
17	He asked us to vote on a full free response test vs a 7 multiple choice and 3 free response test and then decided to just make it the latter after a majority voted for the full free response test.	🔍
18	Everything, England rushed through every lesson, treated the material as if it were review, and was impatient with answering questions.	🔍
19	Better pacing and deeper conceptual teachings.	🔍
20	Asking questions is incredibly difficult, as the professor gets frustrated with students not understanding content. Evidently it is easy for him as he has been teaching the content for a number of years, but for most students, this is the first time we are seeing these kinds of questions.	🔍
21	Anytime a student asks a question he seems offended and brushes the question off or treats the student like they are stupid, so I was always afraid to ask.	🔍