

**2161C - Spring 2016 - LA - CMATHSTAT - GENERAL Survey**  
**2161C (2016)**

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

<b>Course:</b>	MAT 267 10774 - Calculus for Engineers III	<b>Department:</b>	CMATHSTAT
<b>Responsible Faculty:</b>	Brian England	<b>Responses / Expected:</b>	33 / 61 (54.10%)
<b>Overall Mean:</b>	<b>4.2</b> Grading (66 responses) <b>4.1</b> 5-Point w/ Neutral H-L (429 responses) <b>3.8</b> Expected Grade (33 responses) <b>3.8</b> Cum GPA (31 responses) <b>1.7</b> Class Standing (Fr,So,Jr,Sr,Grad) (33 responses) <b>1.1</b> Reason for course L-H (33 responses)		

CMATHSTAT Course Questions General Course Questions		MAT 267 - 10774									
		Responses (%)					Course				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
<b>Q1</b>	Assignments and/or examinations promote learning	13 39.4%	15 45.5%	4 12.1%	1 3%	0	<b>33</b>	<b>4.2</b>	4	4	.77
<b>Q2</b>	Class sessions are well planned	16 48.5%	10 30.3%	0	5 15.2%	2 6.1%	<b>33</b>	<b>4.0</b>	4	5	1.28
<b>Q3</b>	The pace and level of the course are appropriate	15 45.5%	10 30.3%	4 12.1%	3 9.1%	1 3%	<b>33</b>	<b>4.1</b>	4	5	1.10
<b>Q4</b>	The course engages my interest	11 33.3%	16 48.5%	3 9.1%	1 3%	2 6.1%	<b>33</b>	<b>4.0</b>	4	4	1.04
<b>Q5</b>	I learned something that I consider valuable	18 54.5%	8 24.2%	5 15.2%	2 6.1%	0	<b>33</b>	<b>4.3</b>	5	5	.93

**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 - 10774									
		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?	15 45.5%	11 33.3%	5 15.2%	1 3%	1 3%	<b>33</b>	<b>4.2</b>	4	5	.99

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

CMATHSTAT Student Demographic Questions Academic General		MAT 267 - 10774									
		Responses (%)					Course				
		F	S	J	S	G	N	Mean	Med.	Mode	Std Dev
<b>Q7</b>	What is your current class standing?	10 30.3%	22 66.7%	1 3%	0	0	<b>33</b>	<b>1.7</b>	2	2	.51

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

CMATHSTAT Student Demographic Questions Academic General		MAT 267 - 10774								
		Responses (%)				Course				
		MR	RFC	GS	EGI	N	Mean	Med.	Mode	Std Dev
Q8	What requirement does this course meet for you?	31 93.9%	0	2 6.1%	0	33	1.1	1	1	.48

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 - 10774									
		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 21.2%	16 48.5%	7 21.2%	3 9.1%	0	<b>33</b>	<b>3.8</b>	4	4	.87

**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 - 10774									
		Responses (%)						Course			
		3	3	2	2	B2	N	Mean	Med.	Mode	Std Dev
Q10	What is your current ASU GPA?	7 22.6%	13 41.9%	10 32.3%	0	1 3.2%	31	3.8	4	4	.90

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	20 60.6%	5 15.2%	3 9.1%	2 6.1%	3 9.1%	33	4.1	5	5	1.32
Q12	The Instructor makes clear what is expected of me in this course	21 63.6%	6 18.2%	3 9.1%	2 6.1%	1 3%	33	4.3	5	5	1.06
Q13	I have confidence in the instructor's knowledge of the subject	25 75.8%	5 15.2%	2 6.1%	0	1 3%	33	4.6	5	5	.85
Q14	The instructor is helpful if the class has difficulty with the material	18 54.5%	9 27.3%	0	5 15.2%	1 3%	33	4.2	5	5	1.18
Q15	I feel welcome seeking help from the instructor	13 39.4%	13 39.4%	2 6.1%	2 6.1%	3 9.1%	33	3.9	4	4,5	1.23
Q16	The instructor promotes effective class discussion	13 39.4%	6 18.2%	8 24.2%	4 12.1%	2 6.1%	33	3.7	4	5	1.26
Q17	The instructor conveys enthusiasm about the course	21 63.6%	9 27.3%	2 6.1%	0	1 3%	33	4.5	5	5	.86
Q18	The instructor's responses to written work are helpful	10 30.3%	11 33.3%	7 21.2%	3 9.1%	2 6.1%	33	3.7	4	4	1.16










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?	19 57.6%	8 24.2%	2 6.1%	2 6.1%	2 6.1%	33	4.2	5	5	1.17
















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: 75.76% (25 of 33)	
1	very good
2	teacher is very understanding and helpful
3	What i like the most is that Brian England went above and beyond to make sure that I was understanding the course material. He gave me confidence that I can reach the goals I have set for myself.
4	The topics connected effortlessly and the explanations were pretty clear
5	The teacher is pretty engaging and interesting as a person.
6	The professor had a great understanding of material and conveyed that material very affectively.









7	The professor was very entertaining. Knew how to engage our interests by relation to his life and other aspects.	
8	The material can be applied to the real world which makes it better to understand.	
9	The lessons were very well organized and thoroughly taught. I learned a ton and how to apply pretty much everything I learned.	
10	Prof England was a great teacher. Calc III was the easiest calculus class I have taken yet, and Prof. England definitely helped with that.	
11	It's not as hard as Calc 2.	
12	It was relatively easy to comprehend, and the Dr. England did a good job conveying the material.	
13	It was a good continuation from calc II	
14	It introduced me with something new from what I have learned prior to it and clearly imply how it is used in broader division of science.	
15	I really like this course. It's the final general calculus and the applications now seem very relevant to engineering.	
16	I liked the pace, content, and application of the subjects in this course.	
17	I liked that he was able to talk knowledgeably about the math course he was teaching and was able to keep the students on their toes.	
18	I liked the way the test were graded. Fairly.	
19	I liked how the example problems done in class were related to real world applications	
20	I like math classes as it is usually one of the most enjoyable classes for me. Calculus three is a crucial course for engineering.	
21	I found the material to be interesting.	
22	I enjoyed finally putting the pieces of calculus together.	
23	I am a big fan of math and love calculus in general.	
24	Humor	
25	He is a real engineer and can further other than learning the textbook himself and teaching it. He is not restricted to the textbook and is capable of answering real world application questions.	











Question: What did you dislike about the course? Do you have any suggestions to improve the course?		
Response Rate:	60.61% (20 of 33)	
1	organize it better. Dont go so slow in the beginning and cram all the test in the last moth of school	
2	exams too hard	
3	The second and third tests seemed pretty close together, did not feel like there was an adequate amount of time allotted for learning the new material	
4	The pacing but it was announced at the beginning of the semester.	
5	The only suggestions I have for the course have been covered by the instructor in person	
6	The WeBWork was not very applicable to the actual physical homework assignments and exams. It also had material that was extremely far extrapolated to the basic concepts learned in class and in the textbook.	
7	Online homework was absolutely atrocious, calculations and everything seem to expand forever and I filled an entire notebook worth of just calculations. Having two or three lectures worth of material due in one week is a bit ridiculous and most time the system requires very complicated solutions	
8	Note taking is way too fast paced and and doesn't take time to talk about the theoretical and the practical applications of the subjects learned.	
9	Not enough examples were done. The basics were covered but many variations of problems can occur which we are not exposed to as a class until HOURS of homework occurs leaving class to learn it on their own. Also he tends to go on tandems of very irrelevant information.	

10	No.	
11	It would have been nice if we stuck to the schedule closer.	
12	It was very, VERY time consuming. The amount of homework assigned was ridiculous. I also felt like most, if not all, of the webwork homework did NOT help or supplement the coursework at all. In fact, I felt like it distracted me and took time away from my time actually learning and studying the material for the tests. If I had time to go to office hours, I'm sure I could've done better, but taking 19 credits and having a job at the same time made this impossible for me. That last part is not Brian's fault, but the webwork could definitely ease up.	
13	I wish that asu provided more review material like they previously had.	
14	I thought that the course was extremely unorganized and at times the instructor made me feel as though I didn't belong in the class. He blatantly played favorites and was extremely full of himself in all that he did and how he presented himself and the material.	
15	I suck at math. But its pretty good	
16	I dislike Webwork.	
17	I didn't like how the tests were so hard. Also, I wasn't really a fan of him taking attendance at the beginning of the semester, however I feel like the people who pass the class should be the ones that go to lecture to learn. So I think that attendance should be taken during the semester for participation points.	
18	I did not like the discontinuity between the concepts and the layout of the chapters in the book. The professor made up for this by teaching the chapters somewhat out of order for our benefit. I also did not like the timing of the tests, where the last 3 tests were jammed into the last month and a half of school. There was far too much information covered in the last 3 tests to be viable samples of our learning.	
19	I hated how he talked so much at times, I was there to learn not learn about stories of his life. Gets side tracked way too much.	
20	Due to the lacking and confusing lectures, I had to find other means by which to understand the material and concepts. This forced me to spend excessive time outside of class learning what should have been taught in class. This overall increased my weekly work load and added further unneeded stress.	

<b>Faculty:</b> Brian England		
<b>Question:</b>	What did you like about the instructor or the method of instruction?	
<b>Response Rate:</b>	75.76% (25 of 33)	
1	nice person	
2	Very straight forward and extremely fair.	
3	Very entertaining instructor to follow. There is a lot of banter and additional commentary that makes the class interesting and overall helps the class.	
4	The thing i enjoyed the most about the method of instruction is that the lecture felt like we were hanging out and talking about math. It never felt like someone was grilling in the processes or the methods. It felt like natural progression through calc 3.	
5	The review sessions were very helpful because they provided material not covered in class that showed up on exams.	
6	The professor giving real world applications and being personable. Great guy! Would definitely like to take him in other classes for aerospace engineering.	
7	Professor knows what he is doing and is above and beyond helpful. Really awesome guy	
8	I liked that he was highly interactive with certain students and willing to work with us when need be.	
9	I liked how he was able to keep my attention on subjects that were really difficult.	
10	I liked (needed) the extra problem sessions and review sessions the professor provided outside of class, as they greatly supplemented the the numerous downfalls of in the course due to the teacher.	
11	I like the use of colors to show different concepts and to show the flow of problems.	
12	I like his no BS approach to everything, and his method of teaching (i.e. drawings, different colors on the board, verbal explanations, applications to real world uses, etc.) was fantastic.	
13	Humor	
14	His examples for applications of calculus III.	
15	He would explain a new concept and then show an example clearly on the board, while answering questions. He wasn't a hard ass.	

16	He was very direct about his presentation of information, and he definitely was more than helpful when it came to those students who proved they cared about the class.	
17	He was very clear and thorough, without wasting time with too many examples.	
18	He was able to communicate VERY WELL almost too well. He was lenient when it came to grading but his tests were indeed challenging which I appreciated.	
19	He show us how to handle every problem clearly in a structural manner that we are able to follow. It was an awesome help and ease us greatly.	
20	He really wanted the students to succeed. I liked how he had a lot of extra time he gave us for study sessions after class.	
21	He made the material seem very easy, and presented the new concepts in an effective way. He was also very enthusiastic about the material and promoted a high standard for the class. He was also a very considerate test grader. He made himself extremely available as a resource for test reviews and office hours. He wanted us to succeed in this class, and it was refreshing to have a professor who really put himself on our side. Easily the best instructor I have had so far at ASU.	
22	He held review sessions the night before the tests. Very helpful.	
23	He covers the material	
24	Brian seemed very knowledgeable of the course material. Took the time to explain each step on example problems	
25	Although I could not attend most times, he offered a tremendous amount of help outside of class. I believe he does a better job teaching a smaller class size.	

<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> 57.58% (19 of 33)		
1	n/a	
2	a lot homework	
3	Very disorganized written on the board and sometimes hard to follow work in lecture	
4	There is such a massive lack of examples in class it is painful. A majority of the homework questions are first time encounters to the material being studied. Yes in class we learn the theoretical formulas, that is nice and all but how we derive the formulas for 20 minutes of class is almost irrelevant. There are higher level calculus classes that if taken will explain the derivations. Present the formula and jump straight into examples. With the examples every step does not need to be explained most of the time, I feel like you know which steps are the hardest to keep track of so make sure there is an emphasis on those. Don't just show the simplest example there is, a lot of the hw questions are significantly more difficult and having to teach myself those based on web searches is a little difficult. Class layout: formula presentation, easy form of problem, medium level form of problem, extra emphasis on difficult forms of problem. I really like the format of the study hall, I feel I learn more in there than do in class. You present multiple problems, you work through them rapidly and we get to see the process.	
5	The beginning of class would start with a 20 minute conversation that had nothing related to the topic we actually needed to learn that day which took away time for my understanding of the material. I felt that the material actually covered in the class time did not compare to the homework that was assigned. There was also written work along with webwork which made the weekly math work much longer than anticipated. I never felt very prepared for the tests, especially when I take good notes and for the reviews I couldn't find about 25-50% of the material I needed in my notes. I felt that if I hadn't attended the review sessions I would not have been able to understand many of the concepts covered by the exams. I went to his office hours and the reviews sessions Professor England holds and I still didn't feel confident with the course. I felt talked down too and I also felt he was very arrogant and thought that all of the material should have already been learned. He seemed to have expected us to know concepts and terminology that he was teaching prior to being taught such concepts. Also when I asked a question in class he looked at me like I was stupid and then pointed at the board like I was going to have some revelation (I didn't). After that I felt uncomfortable to ask questions and had to have my friend ask them for me because of the way he made me feel like a dumb blonde. At the beginning of the course he said he didn't care if we went to the lecture or not but he took attendance some of the time (I went to all classes anyway). He kept us after class to finish a problem and as people started to leave, made a comment, "I guess I will just have to take attendance," even though the class had ended 10 minutes prior. He always said he was there to help. I believe him but the way he 'taught' was not effective. His 'help' seemed derogatory and overall I felt uncomfortable to ask questions and the comments that he made in class made me feel uneasy. I felt that all of this combined hindered my learning environment.	
6	Sometimes the instructor would get distracted by obnoxious people for about 15 minutes.	
7	Overall the teacher was unorganized, sporadic, confusing and disrespectful. During lecture, Professor England spent a minimum of 20 minutes discussing topics that were not related to the course. This forced the professor to rush through the necessary information, skipping important steps for understanding and doing multiple calculation in his head further confusing students as to how he went from one step to the final answer. Further compounding this disconnect in understanding, was his preconceived notion that we had a basic understanding of material being taught prior to it being taught, leading him to make assumption of our knowledge based on his knowledge.  During lecture, he made deconstructive and immature comments in response to students questions and concerns. He sporadically used vulgar language and made joking physical threats such as, "I can't believe you (student) don't know that, I'm going to kill myself" and "if some asks a question about this (concept), I'm going to hit them in the head". He often followed these harsh and inconsiderate comments up with "no offence" or "just joking" but this does not deter from the fact that these comments are not appropriate for this kind of teaching setting.  Professor England's test were challenging but appropriate for the class. However his adherence to his timely grading policy was abhorrent. Test were returned 1 and half to two weeks after they were taken compared to a week for other MAT 267 professors. He blamed this on person life such as his cable tv issues, buying a house or other personal issues. He also blamed the lengthy grading on students multiple mistakes on exams. This perceived inability to manage tasks was evident when he did not realize he had scheduled a test for the following week on his syllabi. This forced him to teach four sections in one class period, two days before the exam, that were taught over three class periods in by other teachers. By doing this, he was unable to review or properly cover the material being tested and used problem sessions outside of class to supplement the lecture.	
8	Nothing really	

9	No complaints whatsoever.	
10	Needs to be more professional, less talking more teaching!!! I suggest he work on that majorly, I was scared to ask him question at times for he was very sarcastic and would put a student on "blast".	
11	It felt very rushed. Often, I could not learn from lecture because I could not follow everything quick enough. And again, I have to stress the overload of homework.	
12	I thought that he could be rude and at times the material being taught seemed to have nothing to do with the exams. I basically taught myself all the material covered on exams from practice tests.	
13	I suck at math. But hes good	
14	I did not like how his discussions before class turned into full blown discussions about volatile topics that ate into extensive class time over the course of the semester. The opinions and views of the class do not always align with those of the professor and there was a "I don't care what you think because I am always right" attitude about the professor. Lastly, the tests were all too crammed at the end of the semester and had far tpp much information to represent our learning of the material. Next time it would have been nice to have equally spaced, equally challenging tests. Also, on the topic of tests, his borderline obsessive nature with catching potential cheaters and issuing XEs made test taking extremely stressful as you didn't want to even move in such a way that might result in a 0 or XE. This made tests for this course far more stressful than they needed to be even for those of us that have a much higher standard for academic integrity.	
15	I did not like how he would have conversations with my classmates about something that does not pertain to the subject that we are learning and it continues into the lecture time.	
16	He was not the most punctual with grading assignments and setting up times to meet, but still made a sufficient effort.	
17	He is the best professor i have taken at ASU. There is nothing I dislike about his instructions	
18	He got sidetracked a few times in class and caused us to fall behind a little. This is my only complaint.	
19	Get darker markers?	