Course:	MAT 265 77875 - Calculus for Engineers I	Department:	CMATHSTAT
Responsible Faculty:	Brian England	Responses / Expected:	20 / 85 (23.53%)

Overall Mean:
- **4.5** Cum GPA (18 responses)
- **4.5** How often access course (20 responses)
- **4.2** 5-Point SA>SD w/Neutral H-L (140 responses)
- **4.0** 5-Point w/ Neutral H-L (260 responses)
- **3.9** Grading (40 responses)
- **3.8** Excellent to Poor (100 responses)
- **3.7** Expected Grade (20 responses)
- **2.4** Class Standing (Fr,So,Jr,Sr,Grad) (20 responses)
- **1.4** Reason for course L-H (20 responses)

CMATHSTAT Course Questions
General Course Questions

		MAT 265 - 77875									
		Responses (%)					Course				
		SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q1	Assignments and/or examinations promote learning	9 45%	6 30%	4 20%	0	1 5%	20	4.1	4	5	1.04
Q2	Class sessions are well planned	10 50%	7 35%	2 10%	0	1 5%	20	4.3	4.5	5	.99
Q3	The pace and level of the course are appropriate	8 40%	5 25%	3 15%	2 10%	2 10%	20	3.8	4	5	1.34
Q4	The course engages my interest	8 40%	8 40%	3 15%	1 5%	0	20	4.2	4	4,5	.85
Q5	I learned something that I consider valuable	10 50%	7 35%	3 15%	0	0	20	4.4	4.5	5	.73

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 265 - 77875									
		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?	8 40%	6 30%	5 25%	1 5%	0	20	4.1	4	5	.92

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

CMATHSTAT Online - Course Tool Questions
ASU Online and iCourse

		MAT 265 - 77875									
		Responses (%)					Course				
		OAW	TAW	TTA	FTA	FOM	N	Mean	Med.	Mode	Std Dev
Q7	On average, how often did you access your course?	1 5%	1 5%	0	3 15%	15 75%	20	4.5	5	5	1.07

Responses: [**OAW**] Once a week=1 [**TAW**] Twice a week=2 [**TTA**] Three times a week=3 [**FTA**] Four times a week=4 [**FOM**] Five or more=5

CMATHSTAT Online - Course Tool Questions
ASU Online and iCourse

		MAT 265 - 77875									
		Responses (%)					Course				
		E	VG	G	F	P	N	Mean	Med.	Mode	Std Dev
Q8	How would you rate the overall quality of your experience with the technology used in this course (videos, uploading files, etc.)?	7 35%	6 30%	4 20%	3 15%	0	20	3.9	4	5	1.06
Q9	How would you rate the ease of navigation?	8 40%	4 20%	4 20%	4 20%	0	20	3.8	4	5	1.17
Q10	How would you rate the accessibility of the instructor?	8 40%	3 15%	5 25%	4 20%	0	20	3.8	4	5	1.18
Q11	How would you rate the timeliness of the instructor's response to questions, assignments, and tests?	8 40%	4 20%	5 25%	3 15%	0	20	3.9	4	5	1.11
Q12	How would you rate the degree to which communication components of the course (chat, discussion board, email, announcements, etc.) added to the interaction between students and the instructor?	9 45%	4 20%	2 10%	3 15%	2 10%	20	3.8	4	5	1.41

Responses: [**E**] Excellent=5 [**VG**] Very Good=4 [**G**] Good=3 [**F**] Fair=2 [**P**] Poor=1

CMATHSTAT Student Demographic Questions Academic General	MAT 265 - 77875									
	Responses (%)					Course				
	F	**S**	**J**	**S**	**G**	**N**	**Mean**	Med.	Mode	Std Dev
Q13 What is your current class standing?	6 30%	5 25%	7 35%	0	2 10%	**20**	**2.4**	2	3	1.19

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

CMATHSTAT Student Demographic Questions Academic General	MAT 265 - 77875								
	Responses (%)				Course				
	MR	**RFC**	**GS**	**EGI**	**N**	**Mean**	Med.	Mode	Std Dev
Q14 What requirement does this course meet for you?	16 80%	2 10%	1 5%	1 5%	**20**	**1.4**	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 265 - 77875									
	Responses (%)					Course				
	A	**B**	**C**	**D/E**	**O**	**N**	**Mean**	Med.	Mode	Std Dev
Q15 What grade do you expect to earn for this course?	6 30%	5 25%	6 30%	2 10%	1 5%	**20**	**3.7**	4	3,5	1.15

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 265 - 77875									
	Responses (%)					Course				
	3	**3**	**2**	**2**	**B2**	**N**	**Mean**	Med.	Mode	Std Dev
Q16 What is your current ASU GPA?	12 66.7%	3 16.7%	3 16.7%	0	0	**18**	**4.5**	5	5	.76

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

ASU Online Program Online Content and Instruction	MAT 265 - 77875									
	Responses (%)					Course				
	SA	**A**	**N**	**D**	**SD**	**N**	**Mean**	Med.	Mode	Std Dev
Q17 The course was easy to navigate.	11 55%	6 30%	3 15%	0	0	**20**	**4.4**	5	5	.73
Q18 The course presentations contributed to my learning.	12 60%	4 20%	3 15%	0	1 5%	**20**	**4.3**	5	5	1.05
Q19 The course criteria for success on graded work was clear and specific.	11 55%	5 25%	2 10%	1 5%	1 5%	**20**	**4.2**	5	5	1.12
Q20 The course learning activities adequately prepared me for graded work.	11 55%	4 20%	3 15%	1 5%	1 5%	**20**	**4.2**	5	5	1.15
Q21 The instructor was visibly present in the course (e.g. posted announcements, active in discussions, etc.).	13 65%	3 15%	4 20%	0	0	**20**	**4.5**	5	5	.80
Q22 The instructor responded to inquiries within 24 hours.	14 70%	3 15%	2 10%	1 5%	0	**20**	**4.5**	5	5	.87
Q23 The instructor provided meaningful feedback on graded work.	7 35%	6 30%	2 10%	1 5%	4 20%	**20**	**3.6**	4	5	1.50

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				
	SA	A	N	D	SD	N	Mean	Med.	Mode	Std Dev
Q24 The instructor's presentations are clear and understandable	8 40%	7 35%	3 15%	1 5%	1 5%	20	**4.0**	4	5	1.10
Q25 The Instructor makes clear what is expected of me in this course	11 55%	5 25%	4 20%	0	0	20	**4.4**	5	5	.79
Q26 I have confidence in the instructor's knowledge of the subject	11 55%	7 35%	2 10%	0	0	20	**4.5**	5	5	.67
Q27 The instructor is helpful if the class has difficulty with the material	9 45%	4 20%	4 20%	1 5%	2 10%	20	**3.9**	4	5	1.31
Q28 I feel welcome seeking help from the instructor	6 30%	4 20%	5 25%	2 10%	3 15%	20	**3.4**	3.5	5	1.39
Q29 The instructor promotes effective class discussion	5 25%	6 30%	4 20%	2 10%	3 15%	20	**3.4**	4	4	1.36
Q30 The instructor conveys enthusiasm about the course	4 20%	8 40%	6 30%	0	2 10%	20	**3.6**	4	4	1.11
Q31 The instructor's responses to written work are helpful	9 45%	5 25%	4 20%	0	2 10%	20	**4.0**	4	5	1.24

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
Q32 Using A-E as grades, what is your overall rating of the instructor?	7 35%	5 25%	6 30%	1 5%	1 5%	20	**3.8**	4	5	1.12

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:	85.00%	(**17** of **20**)

1	The recorded lectures were very well put together and coincided with the homework found in WeBWork.	🔍
2	The pace of the course is great, I had one other class and believed this was a good pace with another half semester class.	🔍
3	The course was well laid out, it was easy to navigate and tell what needed to be done by when.	🔍
4	The course was fine. It is a Math requirement. Not much to say.	🔍
5	The ability to work ahead on the homework if applicable.	🔍

6	The Piazza forum was very helpful. A lot of times when I went to ask a question, the answer was already there available because another student had asked. Also the unlimited attempts and two attempts on the homework and tests/exams respectively was very helpful. For the homework, it allows you to try different answers even if you are pretty sure they aren't correct, and for the tests/exams it gives you another opportunity if you made a minor error such as forgetting a minus sign or multiplying wrong.	🔍
7	Organized well	🔍
8	Most of the videos were pretty good, the homework was tough but it really helped me learn the content	🔍
9	I really liked the ability to download the course videos and watch them without an internet connection (this is tremendously better than youtube hosted videos). Also, the explanations in the course instructional videos were very good and obviously a result of good prior planning.	🔍
10	I really enjoyed the lecture videos- it really helped me understand the material and having students in the video along with the professor helped me engage more (I would try to beat the video students to answers, etc).	🔍
11	I particularly like the lectures. This is the second time I have taken the subject matter, and I learned much more this time.	🔍
12	I liked WebWork the most. I like that most problems had unlimited tries (without changing the problem to a similar one like I had experienced in different online homework sites) so that I could work through the problems as many times as I needed to. Piazza also worked very well for answering any questions I got stuck on, and everyone (professors and students) were very responsive on it.	🔍
13	I like the material that was shown and the lecture video were a great way to substitute classrooms for online students.	🔍
14	I like that it's not too fast paced, and for the most part you have time to engage with the material.	🔍
15	I learned a lot.	🔍
16	I could set my own pace to study and do the homework	🔍
17	I liked the way that he organized the course and it was easy to maneuver through it.	🔍

Question:	What did you dislike about the course? Do you have any suggestions to improve the course?
Response Rate:	80.00% (16 of 20)

1	Webworks	🔍
2	This course was very fast paced and with how much we need to learn, and how little help we get, it makes it very challenging. This class makes you become your own teacher and if you don't have self motivation, you will fail this class miserably.	🔍
3	The testing rules are absurd and outdated, why would you not be able to use notes on a math test? In the workplace you are encouraged to use all of the resources available you are not expected to memorize things. As a matter of fact, you would more than likely make more mistakes by trying to work from memory vs referencing notes or documentation that is at your disposal.	🔍
4	The students who would post to piazza and would fuss and complain about barely passing the course.	🔍
5	The professor has a very direct/almost condescending attitude when responding to questions in Piazza. It seems as if he has been made aware of this before but has decided that this is just how he is. It makes it very difficult for someone who is struggling to ask a question or a follow up question. The basic format of the learning is to 1. Watch the lecture - 2. Answer the similar problems in WeBWork - 3. Move on to the next lecture. There is no repetition to the learning to help the information stick. The only advice given to help with this is to go outside of the school to find more information such as Khan Academy, which is a good resource but if I'm paying ASU to teach me calculus shouldn't they have more to offer?	🔍
6	The practice tests had some incorrect answers which made studying for tests challenging.	🔍
7	The course videos, glazed over a lot of important information. The additional videos did not explain advanced topics that were required knowledge for homework completion and for testing. The textbook while required, was not necessary for the homework or studying as it provide little help. Khan Academy and youtube had better explanation videos, but it was still time consuming and difficult to find material that covered complex ideas that were not explained in the course, but tested and required knowledge. The course could be improved, by having additional material that goes over the complex problems. Teaching a+b= c and then asking for a+b+c= D^10 isn't a productive learning style for those who struggle with math.	🔍
8	Some of the videos lacked what I think is necessary explanation. Often the instructor just jumps into how you do a problem without taking a step back and giving context to explain the why and the what.	🔍
9	So full disclosure, I am not getting a good grade in this class, so that may color my assessment. That said, I really struggled in this class. It's not that the material was not presented in a way I could not understand- the lectures and homework assignments were great- it's the overall pace. I really wish ASU would offer 16-week math classes. I work full time, and I really struggled to keep up with the pace of this class. I have taken many 8-week classes before, and have consistently earned excellent grades, but no matter how hard I tried, I could not keep up with this class and get decent grades. I believe a lot of my issue is that 81% of my grade is based on timed exams. I was not able to use an equation/reference sheet for the exams. This was very difficult for me. Is this standard for an undergrad calculus class? To cram it into 8 weeks, base most of the grade off of tests, and not allow reference material for the tests? To me, that seems ludicrous- how anyone is expected to pass in that environment is beyond me. This is why people hate math. The actual material was great- I did learn so very much in this class, and I really enjoyed it, but what I did not enjoy was constantly stressing about my barely passing grade. It wasn't from lack of effort- I'm a good student and I spent more time on this class than any other class. I also got As in College Algebra and Pre-Calc, so it seems odd to me that I likely end up with a D in this class. I just feel my grade is not a true reflection of how many hours I poured into this class and how much I learned.	🔍

10	I'm not sure this is possible to change on ASU's side, but typing things in Webwork was often very difficult compared to other programs I've used for online math courses. On other courses there was a keyboard that came with the program, so you could type symbols and fractions without having to use replacement words and a lot of parentheses.	🔍
11	I would not change the homework difficulty at all. I am extremely disappointed in the testing environment. The exam environment is timed. I really wished we had a means of submitting our work for partial credit. If there is already a way to go over our failures in the testing environment, I haven't noticed it.	🔍
12	I don't like that there's 67% of your grade that's determined in the last two weeks of the course.	🔍
13	I do not like how the Mastery Test had a different grading scale than usual.	🔍
14	I dislike that the last exam and final exam are so close together. Although I know all ASU courses are meant to give you time to manage your own time and schedule, I would have preferred for the course to force you to complete all homework and exams a week before the final.	🔍
15	I don't have anything that I disliked. He set up the course well and offered assistance in the form of links and email.	🔍
16	Add a discrete link to Piazza that doesn't embed itself in the canvas interface (which makes it small, hard to read, etc.).	🔍

Question:	What did you like the most about the course?
Response Rate:	65.00% (13 of 20)

1	see previous	🔍
2	The video lectures were awesome- I learn much better that way compared to reading from a textbook.	🔍
3	The Piazza forum and multiple answer attempts on homework and exams.	🔍
4	Organized well. Lectures.	🔍
5	Math!	🔍
6	It was good, I loved the discussion board and being able to communicate with my prof and classmates directly.	🔍
7	It was a fun and positive learning environment.	🔍
8	I like the material that was shown on the videos.	🔍
9	I learned a lot.	🔍
10	I enjoyed the material and lecture videos. I learned a lot more from the lecturer here than I did at Ohio University.	🔍
11	I am glad to be done in 7.5 weeks.	🔍
12	I enjoyed the organization of it.	🔍
13	Both the prepared video lectures and the instructor.	🔍

Question:	What did you like the least about the course?
Response Rate:	65.00% (13 of 20)

1	see previous	🔍
2	Webworks	🔍
3	The lack of a teacher and help from a teacher. I understand it's online, but this teacher did not make a difference at all, and this class and I'm sure other classes can be done without one completely.	🔍
4	The fact that 81% of my grade was based on test scores-which I did poorly on. I worked really hard on this class, but because I struggled with the tests, I will be receiving a poor grade.	🔍
5	The difficulty of typing answers into Webworks.	🔍
6	Math!	🔍

7	Learning online is difficult. The Webworks app was difficult to enter answers and the professor was rude when you asked a question in Piazza.	🔍
8	It was hard.	🔍
9	I have no idea how well I am performing relative to my classmates. I feel like the testing environment is extremely brutal. This is the second time I have taken this material. The last time I got an A. This time I am not even sure I will pass it.	🔍
10	I didn't like that there was so much of the grade left open until the last two weeks.	🔍
11	Annoying students on Piazza	🔍
12	A few errors with certain problems in webworks, on online (Math dept) review PDFs, etc. These should be fixed. These are not critical issues, however.	🔍
13	- Not all of the questions asked on the homework were covered in the videos. - Powerpoints/lectures had errors in them. - The student helpers in the videos were little help. I would rather have them read off a script instead of meandering through a problem	🔍

Faculty:	Brian England
Question:	What did you like about the instructor or the method of instruction?
Response Rate:	65.00% (13 of 20)

1	The course instructor/professor. Very responsive and realistic in communicating with students. Makes you learn and understand the concepts rather than giving you the answer when asked. Provided necessary feedback on material presented.	🔍
2	The class instructor, Prof. England is exceptionally engaged in the course. Announcements are well written and promptly posted. Questions on Piazza are answered promptly and in detail. The instructor's participation in the online course has been exemplary.	🔍
3	The additional videos the instructor posted were very helpful (additional problem examples).	🔍
4	Straight forward responses.	🔍
5	I'm sure he knows the material very well	🔍
6	I really found the videos from the lecturer helpful. The homework environment, albeit frustrating, is conducive to learning the material.	🔍
7	I liked that the instructor was very active in answering questions on Piazza.	🔍
8	I like the method of instruction	🔍
9	I liked his organization and how helpful he was.	🔍
10	He was available every day and there was never any worry that I wouldn't get a timely response to any questions or concerns. The help that I did receive was often good and helpful and rarely did I need further clarification.	🔍
11	He was always quick to answer questions in Piazza.	🔍
12	He is very responsive on the Piazza forum.	🔍
13	Good videos speaks clearly.	🔍

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:	65.00% (13 of 20)

1	n/a	🔍
2	While the Instructor moderating the class was always available, I thought his interaction on Piazza was at times inappropriate. He was frequently sarcastic (borderline rude) or lacking patience (my best guess as to why he was rude) with the students and sometimes responded in ways that make you feel stupid. His answers were helpful, he could just be nicer in giving them and he should remember that we are students and we are learning and that takes varying degrees of time from student to student and topic to topic.	🔍

3	This course is very fast paced and with the lack of the teacher being helpful, makes you become a self learner. I could have received the same grade and the same knowledge, with no teacher being assigned to this class. I felt that the students have just as much feedback and answers for other students, than the teacher did. Not always can the teacher help that, as he might not be available that instant, but still, when the teacher did respond, there was usually very little explanation. He would show his work and that's it. No explanation to why I was wrong or why his answer is correct, just, here you go. Or in some cases, he would just say, your doing that wrong, try this instead and then plug away. I'm not sure how that is supposed to help. If I'm not getting it right, It's probably more complicated then just plug and chug. I would like to know the why, so again I don't have to self teach myself, or watch videos on calculus elsewhere. Towards the end of the class, I just started watching videos through khan academy or other sources, as the book and teacher were not much help. The Teacher made it seem like he was too busy to go into detail. Some students, I'm sure he did go into detail more, but from my responses and others that I saw, that was not the case. I can almost guarantee that with no teacher and everything else the same, most to all students would receive the same grade. I would eliminate the need for a teacher and just have a well explained syllabus and cut the cost of these classes. $2,000 for this class was not what I felt was reasonable for what I got out of it.	🔍
4	The testing rules put in place for this course. Which may be a university standard and not his.	🔍
5	The professor is rather rude on Piazza. It is strictly online so this is the only time we can raise questions. The professors responses to questions came off as rude. He sounded like we were bothering him. I do not like the webworks app. It is difficult to use. I spent more time figuring out how to enter the answer than to find the answer.	🔍
6	Something I noticed- part-way through the course, I just happened to be reading through a discussion board post- the instructor told a student that no notes were allowed at all on the non-proctored tests. To me, this information is important enough to include on the course syllabus. I couldn't believe this requirement was not specifically highlighted at the start of the semester.	🔍
7	N/A	🔍
8	N/A	🔍
9	Instructor was rude and condescending through emails from the get go of the course. Instructor regularly posted/emailed announcements in a demeaning manner towards students. Instructors answer's to students were at times belittling. Instructor was also very hypocritical, requiring perfection or belittling students for small oversights in the process of learning, while writing off Instructor errors as being human, or not paying attention while writing an answer.	🔍
10	I find the testing environment extremely frustrating. There is no easy way at this point to check your work prior to submission to confirm that a mistake has not been made.	🔍
11	I do not like how the video lectures are set up with students in them. I don't want to wait for someone else to try to learn. I can pause and work the problems myself. It just seems to add wasted time to the lecture videos when the instructor is trying to get or wait for an answer from the students in the videos. Other than that, I liked how the lecturer taught. I know that the lecturer is not my actual instructor, but since I've spent hours and hours with him, I appreciate his effort.	🔍
12	I didn't like that sometimes when you asked a question, the response was, well you should already know that. To me that's not helpful, instead I just need some help in remembering.	🔍
13	He didn't fix the problem of incorrect answers in the practice tests.	🔍